



Summer Internship Program 2015

Career Exploration + High Impact Internship Program

Internships in High-Growth Industry:

- Information Communication Technology (ICT) and Digital Media
 - Health and Biosciences
- Advanced Manufacturing & Engineering
 - Public Service & Law

By San Leandro Unified School District, Eden ROP and Founders Circle
Contact

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General Details

- 13 San Leandro Organizations
- 24-28 Total Positions
- 6-8 Paid Positions/hourly or stipend - (1) Pacific Farms - (2) Thrifty Medical Supply (2-4) OSiSoft IT Engineer (2) SLED Intern
- 6 week program for students (some students will stay on paid positions and into Fall)
- June 22nd, 2015 Start Date for Internship Class
- Students earn 5 Elective Credits
- Cyclic program July 2015

Program 1: Career Exploration (8 Positions)

A cyclic internship program exposing every student participant to 12+ career roles in 4 high-growth industries of Health & Medicine, Information Communications Technology, Public Service & Law, and Advanced Manufacturing & Engineering. Employers include Kaiser Permanente, OSiSoft, City of San Leandro and Advanced Manufacturing Employer TBD. Students will rotate each week to a different employer. **Note: Advanced Manufacturing & Engineering Industry currently under development*

Program 2: High Impact Internship (20 Positions)

This is a standard one-to-one internship experience allowing for more in-depth skill building, talent development and industry-specific exploration.

Selection

- It is preferred that employers are able to interview at least 2 candidates for any one position.
- Sign-ups are targeted to particular classrooms or academies based on skills demand for each position.
- Overlap with Eden ROP students, and/or other supportive institutions or organizations such as after school programs, non-profit organizations, student clubs, and Youth Employment Program.

Company Profiles

Kaiser Permanente

Kaiser Permanente is an integrated managed care consortium, based in Oakland, California, United States, founded in 1945 by industrialist Henry J. Kaiser and physician Sidney Garfield. Kaiser Permanente is made up of three distinct groups of entities: the Kaiser Foundation Health Plan and its regional operating subsidiaries; Kaiser Foundation Hospitals; and the autonomous regional Permanente Medical Groups. As of 2014, Kaiser Permanente operates in eight states and the District of Columbia, and is the largest managed care organization in the United States. Kaiser Permanente has 9.1 million health plan members, 174,415 employees, 17,425 physicians, 48,285 nurses 38 medical centers, and 608 medical offices.

www.kp.org

OSIsoft

OSIsoft, a global leader in operational intelligence, delivers an open enterprise infrastructure to connect sensor-based data, operations and people to enable real-time and actionable insights. As the maker of the PI System, OSIsoft empowers companies across a range of industries in activities such as exploration, extraction, production, generation, process and discrete manufacturing, distribution and services to leverage streaming data to optimize and enrich their businesses. For over thirty years, OSIsoft customers have embraced the PI System to deliver process, quality, energy, regulatory compliance, safety, security and asset health improvements across their operations. Founded in 1980, OSIsoft is a privately-held company, headquartered in San Leandro, California, U.S.A, with offices around the world.

www.osisoft.com.

City of San Leandro

The City of San Leandro is on a mission to transform itself into a center for innovation and technology through leadership of the Mayor and elected council, installation of an 18-mile gigabit fiber optic loop and the hiring of the nation's 3rd civic Chief Innovation Officer. San Leandro is a friendly and diverse city with a colorful heritage and numerous cultural amenities including a 450-berth Marina, two golf courses and a large community library. Discovered in 1772 by a Spanish explorer, San Leandro became famous during the late 1800s and early 1900s for its delicious cherries. In 1909, to celebrate the abundant cherry harvest, San Leandro held its first Cherry Festival, an event that was so successful, it is still celebrated today. San Leandro is also well-known for its quiet, well-defined neighborhoods full of charming and unique older houses on tree-lined streets. San Leandro residents are proud of both their neighborhoods and their City, which is reflected by their active involvement in the City's numerous neighborhood and homeowner's associations. San Leandro's temperate weather also makes it an excellent place for outdoor recreation. With an average temperature of 62 degrees and average rainfall of 19 inches per year, outdoor activity at any one of the many City parks is possible all year round.

www.sanleandro.org

www.sanleandronext.com

Advanced Manufacturing Employer TBD

Description TBD

Website TBD

Type A Machines 3D Printers

Type A Machines provides a complete 3D ecosystem of digital design and fabrication solutions, including the Series 1 Pro 3D printers, Print Pod, materials, workflow software, casting, modeling, and parts- on -demand services. Hosting the world's largest 3D technology hub under one roof at

The Gate in San Leandro, California, Type A Machines is helping transform entire industries by empowering design professionals and manufacturers with the solutions they need to disrupt their market. Type A Machines helped pioneer the 3D printing industry, founded in 2012 as an early adopter of the RepRap movement. The Type A Machines Series 1 3D Printer is the only professional modular and extensible 3D printer. The Series 1 has the largest build volume in its class, with one full cubic foot of print space, and is part of a scalable Print Pod additive manufacturing system consisting of six Series 1 Pro printers. Type A Machines has won many industry awards, including Editor's Choice in PC Mag and Best in Class by Make: Magazine. As the company grows, it remains committed to delivering an exceptional product, engaging the community and pioneering new technologies.

www.typeamachines.com

Mind 2 Matter 3D Printing Services

Making things matter; Mind 2 Matter is a full service production house dedicated to bringing ideas to life using any means possible and in some cases developing new means to make the impossible, possible. From basic drawing assistance to complete CAD models to working physical prototypes to medium scale production runs, we will help you visualize your dreams from start to finish or any stage in between. Put simply, we turn thoughts into things. Using state of the art manufacturing techniques, we are leading the way of the new industrial revolution right here in San Leandro, California. We work in various materials utilizing a variety of innovative technologies old and new. From plastic to platinum we can produce it. Whether you are a product designer or tinkerer, Artist or Engineer, a Rock star or an Astronaut... we've helped them all and we can help you! Nothing is too "out there", bring your idea to the table and let's have a discussion about the future!

www.mind-2-matter.com

Soundfit 3D Scanning

SoundFit is revolutionizing the 3D industry. Our 3D scanning and modeling technology has applications in a wide variety of industries and markets, efficiently streamlining operations related to custom manufacturing, short run production, and prototyping applications. While our focus is currently on audiology and custom earpiece markets, we recognize that this technology can be applied to numerous (currently unrecognized) markets/applications. Today, with all the attention the 3D industry has been receiving, that focus has typically been on 3D printers and printed goods. Businesses and hobbyists are just beginning to understand that printing 3D models is reliant on having quality models (digital files) that are ready for printing. Commercial and hobbyist markets are now beginning to see a number of 3D scanners for model creation. The vast majority of these rely on lasers as the illuminating light source. These systems only capture lower resolution surface information. SoundFit's SugarCube 3D scanner uses visible light to enable not only greater surface information (micron level surface detail), but also color in final the texture map. Another emerging application for 3D scanning relates to animation. We are beginning to see technology and applications that use 3D scanners as a foundation for creating animations based on a series of object captures.

www.soundfit.co

SEED Studio

Diversified demands cannot be fully satisfied by mass production. The booming of open source hardware, 3D printing, crowd-funding and global logistics creates an evolutionary easy platform to hardware innovators. Products are becoming democratized, as some of the consumers now calling themselves makers. Sseed is a hardware innovation platform for makers to grow inspirations into differentiating products. By working closely with technology providers of all scale, Sseed provides accessible technologies with quality, speed and supply chain knowledge. When prototypes are ready to iterate, Sseed helps productize 1 to 1,000 pcs using in-house engineering, supply chain

management and agile manufacture forces. Seed also team up with incubators, Chinese tech ecosystem, investors and distribution channels to portal Maker startups beyond.

www.seeedstudio.com

Sencillo Professional Development

We are a collaborative team of educators, trainers, and technical people looking for ways to simplify technology challenges. We specialize in providing professional development for teachers, administrators, staff, and corporations integrating technology into businesses and today's 21st Century classrooms. Our focus is on interactive whiteboards, flat panels, peripherals, and their abilities to become useful tools. We offer onsite training that will give you and your staff the skills needed to seamlessly integrate adopted curriculum, common core standards, and your personal needs all into one. We strive to meet the highest standards in providing quality training at an affordable price by designing sessions to meet your needs.

www.sencillopd.com

Pacific Farms

Pacific Farms, as part of the Pacific Meridian Group, LLC has been the favored supplier of dehydrated vegetables from China to the United States for over 20 years. We now have expanded our mission to bring our industry a full line of dried and IQF products from the best producers in the world, foreign and domestic. Each one of our partner plants is certified by our Quality Assurance staff and adheres to good manufacturing practices and maintains quality control programs. All production is rigorously tested for safety and quality before it receives the Pacific Farms label. Each shipment comes with a Certificate of Analysis and the Pacific Farms guarantee that the product meets the customer specification. Our business philosophy is simple. We do what we say we are going to do. You can rely on Pacific Farms to provide quality and value in all of our products.

www.pacificfarms.com

Bal Theatre

The Historic BAL Theatre is the West Coasts version of the Apollo Theatre. The Historic BAL Theatre is the Bay Area's home for Entertainment including but not limited to, concerts, standup comedy, special events, live music, comedy, theatre, documentaries, lectures, sci-fi & horror films, independent films, classic films and so much more. The Historic BAL Theatre is located at 14808 East 14th Street, San Leandro Ca 94578. During the day the theatre provides several services including Computer Support and Repairs, Talent Booking, Marketing, Radio, Print, Web Services, Music & Media Services, Recording Studio Services. Call us today if you have any questions regarding our services. 510.614.7700 The Historic BAL Theatre was built in 1946, and is one of America's only surviving theatre's still operating today that has never been shutdown. The Historic BAL Theatre has been continually operating since its opening day, July 3, 1946. The Historic BAL Theatre is the East Bay's home for Public & Private Family Entertainment, Special Events, Fundraisers, Live Music, Comedy, Lectures, Magic, Documentaries, Sci-Fi & Horror Films, Independent films, Classic films and so much more. The Historic BAL Theatre was built in 1946 by Rene T. LaMarre. Rene T. LaMarre and George Drummond built The Historic BAL Theatre out of their love and passion for live entertainment, music, movies and so much more.

www.baltheatre.com

Thrifty Medical Supply

Thrifty Medical Supply Inc. is an accredited facility that has been serving the Bay Area's home medical equipment and supply needs since 1968. As one of the area's friendliest retail supplier of home medical equipment, we provide superior customer service and top quality, state-of-the-art medical equipment and supplies. We pride ourselves in our courteous and professional staff as we take extra care in making sure that we fulfill the needs of each and every one of our customers. Customer Service and Billing Associates are available to answer your questions, work with you,

your doctor and insurance company. Our expert staff takes the time to give each of our customers the personal attention they deserves and are trained to find the right products for each individual. Home visits can even be arranged if someone is unable to visit us. We participate with most major insurance plans, are an accredited provider, and will coordinate insurance billing for covered items. Please contact us for more insurance and coverage information.

www.thriftymedicalsupply.com

San Leandro Education Foundation (SLED)

SLED is an independent not-for-profit 501(c)(3) organization dedicated to raising resources and improving the lives and education of children in the San Leandro Unified School District. The foundation's area of focus includes enrichment, health and safety, technology, volunteerism, and supporting the San Leandro High School Arts Education Center. SLED is seeking 2 high school interns: Graphic Design Intern and Multimedia Intern. To apply please email

Kathleen@sledfund.org

www.sledfund.org

The Gate San Leandro

Today, The Gate goes beyond the concept of "commercial building" to meld commerce and creativity for 21st century movers and shakers: artists, technologists, and makers. Proud of its 1940s labor roots as a Plymouth manufacturing plant, The Gate is currently offering unique spaces from 1,000-10,000 square feet — factory-raw, office-finished, and build-to-suit. Building amenities abound, including ultra-fast fiber cable throughout, collaborative kitchens, and a central square designed to promote tenant-curated events, community gatherings, and commerce, in addition to the purposefully designed private spaces where passionate people pursue their daily work.

www.thegate510.com

Positions

Career Exploration (Kaiser Permanente, OSISoft,

City of San Leandro, Advanced Manufacturing Employer TBD)

Positions: Career Explorer

The Career Explorer will experience 12+ career roles in 3+ high growth industries in health, information communications, public service and advanced manufacturing. You will begin the program at your first employer, and cycle to the next every week.

Responsibilities include being receptive and attentive to your supervisor, mentor and host and undertaking any tasks they may have for you. Core skills you will need is creative problem solving, critical thinking, communication and collaboration.

Talent Keywords: Driven, undecided in focus, adventurer, explorer

Paid: No

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Paid: No

Type A Machines

Position: 3D Printing Coordinator

The 3D Printing Coordinator will be responsible for predominantly 3D modeling and 3D printing. Core roles would include helping to manage the 3D print farm, exploring materials science, 3D modeling and designing for product applications.

Talent Keywords: 3D Modeling, pick from Andres Alvarez's class

Paid: No

Type A Machines

Position: 3D Printer Technician

The 3D Printer Technician will be responsible for quality control, manufacturing of 3D printers and monitoring 3D printing. Core roles would include manufacturing a 3D printer from start to finish, understanding the technics of 3D printers and applying knowledge to maintain quality control of 3D printers and prints. Looking for systematic thinkers, problem solvers and troubleshooters.

Talent Keywords: 3D Modeling, pick from Andres Alvarez's class, shop class

Paid: No

Mind 2 Matter

Position: 3D Printing Specialist

The 3D Printing Specialist is responsible for 3D print farm monitoring, managing and troubleshooting. Core roles include operating a 3D printer, 3D modeling, and problem solving and creating unique individual projects using a 3D printer.

Talent Keywords: 3D modeling class, Business Academy, SLAM

Paid: No

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Talent Keywords: 3D modeling class, Business Academy, SLAM

Paid: No

Soundfit 3D Scanning

Position: 3D Scanner Technician

The 3D Scanner Technician is responsible for understanding 3D scanning technology, researching into innovative use of 3D technology and assisting in development of the business. Core roles may include operating a 3D scanner, managing software, 3D modeling, 3D printing and research.

Talent Keywords: SLAM student, 3D modeling class, Business Academy

Paid: No

SEED Studio

Position: Product Development

The Product Development position is responsible for understanding SEED products and technology, developing pros and cons for particular industry, creating feedback and developing solutions for product development. Core roles would include learning products through tutorials, tinkering with products to find unique uses of the technology and not being afraid to think outside the box.

Talent Keywords: Business Academy, SLAM student, 3D modeling class, robotics club

Paid: No

Sencillo Professional Development

Position: Technology Specialist

The Technology Specialist is responsible for understanding SMART Technology and researching into other product applications the technology can offer to the several of client groups. Core roles would include learning about every technology available, being able to communicate and teach others the technology and to research into innovative applications for use of the technology.

Talent Keywords: Tech enthusiasts, SLAM student, Business Academy student

Paid: No

Pacific Farms

Position: International Business

The International Business position is responsible for exploring market research, understanding international trade and logistics. Core Roles would include product specification review, developing market leads through retail product ingredient research, and providing assistance in office logistics such as filing, mailing and managing product samples.

Talent Keywords: Business Academy student

Paid: Yes (\$10/hour, 20 hours/week)

Bal Theatre

Position: Media Production

The Media Production position is responsible for event stage production that includes lighting, audio and visual. Core roles include understanding technologies, setting up technologies, operating equipment, working as a team to accomplish tasks and goals and ushering guests to seats and around the theater.

Talent Keywords: SLAM

Paid: No

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Talent Keywords: SLAM

Paid: No

Thrifty Medical Supply

Position: Marketing & Business Development

The Marketing & Business Development position is responsible for the marketing development of Thrifty Medical Supply's new Pleasanton retail location. Core roles would include developing; implementing and managing marketing plan strategy.

Talent Keywords: Retail, products, marketing, business development, pick from Business Academy

Paid: Yes (\$10/hour, hours per week to be discussed)

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Talent Keywords: Retail, products, marketing, business development, pick from Business Academy

Paid: Yes (\$10/hour, hours per week to be discussed)

The Gate

Position: Property Development

The Property Development position is responsible for assisting in the overall operation and management of the large tech ecosystem of The Gate in San Leandro and placemaking. Core roles would include communication, operations, computer work and online research and exploration.

Talent Keywords: Placemaking, property management and operations, online research, communications, collaboration

Paid: No

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Talent Keywords: Placemaking, property management and operations, online research, communications, collaboration

Paid: No

SLED

Position: Graphic Design

This intern should be proficient in the Adobe Creative Suite programs and have a strong competency in page layout. The intern's main focus will be on designing brochures and postcards.

Paid: Stipend

SLED

Position: Multimedia Intern

This intern should be proficient in photo editing and video editing software. The intern's main focus will be to create a catalog of images and video promos to be used in the Education Foundation's marketing and outreach efforts.

Paid: Stipend

OSIsoft

Entry Level IT Support Engineer

Intern will work closely with employees on understanding, troubleshooting, and fixing hardware and software issues. Monitor alerts from technology infrastructure and respond accordingly. Work on projects with guidance from IT staff to help company meet strategic goals.

Paid: Yes

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