

Shadow an Engineer Spring 2019

Participating Companies

[Accenture](#)

[Autodesk, Inc.](#)

[Cisco Meraki](#)

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[Lendlease](#)

[Whitson Engineers](#)

****Note:** some companies are still deciding on the exact program dates, dates that are "tentative" may be subject to change.

Accenture

Date(s): 1 day; either March 27, or 28

Location: San Francisco, CA

Requirements: NDA

Description:

Accenture is a leading global consulting service provider with offices in 172 countries and clients in Financial Services, Resources, H&PS, Products, and CMT industries.

Accenture solves our clients' toughest challenges by providing unmatched services in strategy, consulting, digital, technology and operations. We partner with more than three-quarters of the Fortune Global 500, driving innovation to improve the way the world works and lives. With expertise across more than 40 industries and all business functions, we deliver transformational outcomes for a demanding new digital world.

Previous Student Perspective:

"The experience was very interesting, the morning was more work-focused, but in the afternoon we sat down with a group of employees who answered a lot of our questions regarding the work environment to what classes would be good to take/what skills are good to acquire now or later."

Autodesk, Inc.

Date(s): 2 days; March 26 - 27

Location: San Francisco, CA

Requirements: NDA

Description:

Autodesk makes software for people who make things. If you've ever driven a high-performance car, admired a towering skyscraper, used a smartphone, or watched a great film, chances are you've experienced what millions of Autodesk customers are doing with our software.

Externship: Students will be paired with one or two host employees. They will have an opportunity to shadow the employee observing their work practices, attending meetings with them and see what it is like to work for Autodesk in software engineering. In addition, we will provide group activities, including a panel discussion with Autodesk Women in Leadership, a tour of the Autodesk Gallery and our Pier 9 Workshop plus an overview of Agile at Autodesk.

Cisco Meraki

Date(s): 1 day; either March 26, 28, or 29

Location: San Francisco, CA

Requirements: NDA

Description:

Simplicity. Meraki makes setting up, managing, and maintaining networks easier than it has ever been before. Simplified and smarter networking means that businesses run more smoothly, and more people have reliable access to the information they need. Meraki enables connectivity everywhere from neighborhood cafes to education institutions to global hospitality groups operating thousands of sites.

Meraki believes that the quality of our product is dependent on the quality of our engineers. We place a high value on nurturing the growth and development of everyone on our team. We foster an open and supportive workplace where everybody is given the opportunity to succeed. Meraki engineers put the customer experience first, own projects from beginning to end, and are empowered to make impactful decisions.

Possible Sessions during Externship:

1. Career Development: Resume reviews, tips for preparing for technical interviews
2. Hands on workshop for students interested in web development OR hands on workshop for students interested in embedded systems/the cross between software and hardware

Previous Student Perspective(s):

"I received valuable advice on internship and job interviews, as well as the application process overall, including resume corrections and actions to take to stand apart. Moreover, I learned about the company's mission and philosophies through an immersive day during which I was able to talk to multiple company employees."

"I thought the externship was really interesting, informative, and helpful. We were well accommodated for and there were plenty of interesting and helpful things planned for the day. Everyone was very nice and friendly and open to questions. Overall a good experience."

“I liked being able to see what it would be like to work in industry, and the environment there made me excited to learn more about CS this semester.”

Granite Construction

Date(s): 1 day; March 25

Location: Bay Area

Requirements: US Citizenship required

Description:

Granite Construction is a full-service general contractor, construction management firm, and construction materials producer. Since 1922, Granite has built some of America’s largest infrastructure projects including highways, bridges, dams, rail, and power. Granite is comprised of highly professional teams serving public and private clients throughout more than 60 offices nationwide.

During our time together, we will provide you with an opportunity to explore the world of heavy civil construction and construction materials. You will experience a site visit to a construction project, hands-on exposure to heavy equipment, an overview of our obligation and commitment to safety and a review of various engineering/estimating responsibilities.

Lendlease

Date(s): 2 days; flexible dates

Location: San Francisco, CA

Requirements: N/A

Description:

Lendlease is one of the world’s leading project management and construction companies focused on large property and infrastructure projects.

We are leaders in many sectors. Some of our most well-known projects include the National September 11 Memorial and Museum, Citi Field (home of the NY Mets baseball team), 432 Park (tallest residential building in the Western Hemisphere) and the renovation of Grand Central Terminal in NY, Trump International Hotel & Towers in Chicago, and Oceanwide Plaza in Los Angeles.

Students will have an opportunity to experience the daily teamwork, problem solving, and management required for different stages of a construction project.

Previous Student Perspective:

“I really appreciated the honesty of the employees about their work - I felt very comfortable and able to ask questions. The engineers really took the time out of their day to make sure we had the most informative experience possible. They were very welcoming and I am happy I was able to do an externship with Lendlease.”

Whitson Engineers

Date(s): 1 day; flexible date

Location: Monterey, CA

Requirements: NDA, US Citizenship needed

Description:

Who we are

We are your neighbors, and we design smart solutions to improve our communities. We listen to—and hear—our clients’ short-term objectives and long-term goals. We analyze and survey the land, the human component, the context.

We develop thoughtful, creative, sustainable approaches that respect the specific environment. And we rely on the close collaboration of our team, our clients and our partners as we design better communities.

Professionalism is essential to who we are: ethical, committed and socially responsible in our engineering design. We are passionate about our work. We are Whitson Engineers.

What we do

As civil engineers and land surveyors since 1979, we provide expertise and versatility for projects large and small, for both public and private clients. With every project, we draw on our technical know-how, diverse experience, valuable local knowledge and our commitment to understand emerging technologies.

We provide personalized, relationship-driven service to our clients and their needs. We assign one manager to understand each project and be responsive to all its aspects. At the same time, every project includes the talents and capabilities of our team of professionals working together to produce exceptional results.

Previous Student Perspective:

“The staff at the firm were exceptionally welcoming and gave me an insightful overview of the work performed at the company. I witnessed for myself the complex design innovation involved with land surveying and civil engineering. I found the grading of structures particularly interesting, I also had the opportunity to learn about their drone equipment and software, which overall made for a unique and thought-provoking externship experience.”