Annlin Sheih

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Education

University of California, Santa Cruz   **Santa Cruz, CA**
M.S. in Computer Science   September 2016 - Present
University of Illinois at Urbana-Champaign   **Urbana, IL**
B.S. in Computer Engineering   August 2012 - May 2016

Work Experience

WebDAM   **San Mateo, CA**
Software Engineering Intern   May 2016 - August 2016

- Designed and built API endpoints, database, integration with a SOAP API, and unit tests for an asset proofing system using the Laravel framework.
- Presented asset proofing feature in company's core product that the engineering team uses every day.
- Developed and managed project goals and timeline in two-week sprints.
- Studied and gave a tutorial on using Laravel framework to implement API endpoints for workflow statuses.

Chegg   **San Francisco, CA**
Software Engineering Intern   May 2015 - July 2015

- Implemented a reviews API with Django framework for the Chegg mobile application to enable students to write and submit reviews of their tutors.
- Developed front-end verifications to detect and sanitize user generated content submission, and prevented invalid payment inputs.
- Fixed bugs with the engineering team to improve internal and external features of the Chegg Tutors product using an agile development process.

Other Experience

Design for America   **Champaign, IL**
Treasurer

- Awarded $4,000 to fund design studio projects by the Office of Vice Chancellor for Public Engagement.
- Strengthened partnership between DFA and the National Center for Supercomputing Applications by fostering mentorship programs between students and faculty.
- Organized a field trip to four Chicago design firms (IDEO etc.) to encourage students to explore careers in various types of design disciplines.

Ameren   **Champaign, IL**
Innovation Intern

- Created visualizations of electricity and gas usage per square foot to determine which counties in Illinois are most energy efficient.
- Designed front end for SolveIT, a service page for Ameren employees to request help from the IT department.
- Organized the Ameren's power distribution database, making terminologies more accessible to Ameren employees.

Projects

Illinois Population Density Visualization

- Utilized the Census Bureau API to create a mapping between Illinois tract geometries and population density data.
- Drew Illinois map boundaries and created population density key and coloring scheme with the d3 JavaScript library.
- Implemented features to change color scheme and boundary granularity.