

SHEILA TRUONG

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EDUCATION

University of California, Irvine
B.S. Computer Science

Expected Graduation: Spring 2018
GPA: 3.5

SKILLS

Programming Languages	Python, C++, Java, HTML, MySQL, and CSS
Operating Systems	Windows, OS X, Linux
Languages	Fluent in Chinese and Vietnamese

EXPERIENCE

SendGrid <i>Intern</i>	October 2017 - Present <i>Irvine, CA</i>
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- Participating in UCI's Capstone Experience Program to work with SendGrid to optimize their services.
- In the process of creating a system that uses a pre-existing bloom filter implementation to reduce the average latency for mail processing.
- Attend in biweekly Google Hangouts and on-site meetings with the project manager and engineers.

Schoolr <i>Front End Developer Intern</i>	March 2016 - Present <i>Irvine, CA</i>
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- Designed the user interface for the website mobile tutoring application using HTML/CSS.
- Linked the templates for the websites interface to their respective controller pages using JavaScript.
- Managed project deadlines and contributed ideas during biweekly meetings in preparation for our November 2017 launch.

Girls Inc. <i>Camp Mentor/Intern</i>	June 2017 - August 2017 <i>Irvine, CA</i>
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- Mentored 30 middle and high school students in STEM by giving them hands on building and coding tasks.
- Learned how to code using Choreographe in order to create an AI program that made the NAO Robots dance, talk, walk, and interact with people.
- Taught the students how to block code using made with code, code.org, scratch, and thinkable.

PROJECTS

Spacetime Crawler	Python
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- Created a crawler that is part of a collaborative distribute crawling infrastructure.
- Similar to a web search engine, the user inputs a keyword and the system uses crawlers to return 10 URLs that has the highest tf-idf ranking.
- Built an index and a basic retrieval component using a simple user interface.

Fabflix	Java, HTML, MySQL
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- A full stack website that allows users to search and purchase movies.
- Created a MySQL database to keep track of customers sensitive information and details about the movie.
- Used Apache Tomcat and Amazon Web Services instance to host the application.
- Implemented reCaptcha, HTTPS, Stored Procedure and XML Parsing to make the application more secure.