

Sherman Leung

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skleung.github.io

Education

- **Stanford University** **Stanford, CA**
06/2016 (Expected)
B.S. Computer Science, Minor in Chemistry
 - GPA: 3.7/4.0
 - Interests: Front-end development, web applications, web design.

Experience

- **Stanford University** **Palo Alto, CA**
April 2014
CS Section Leader
 - Accepted as a section leader (undergraduate teaching assistant) for Spring 2014
 - Will teach, lead a section, and hold office hours for Programming Methodology (CS106A)
- **Code the Change** **Palo Alto, CA**
January 2014 – Present
Software Team
 - Building a plug-and-play environment for **Medic Mobile**'s platform on the Raspberry Pi.
 - Working with a team of four to integrate Medic Mobile applications with the Pi using node.js
- **Chalky.co** **Palo Alto, CA**
January 2014 – Present
Full-stack Developer
 - Building and customizing dashboards to respond to user-specific interests
 - Optimizing matching and searching efficiency on the Rails backend.

Projects

- **Sight** www.stanford.edu/~skleung/sight/
 - Front-end development for a web application that enables users to open location-enabled rooms powered by the cloud to find friends, organize events, and coordinate meet-ups.
 - Used Twitter Bootstrap, JQuery, and LESS to design a fluid and intuitive intcalenderface for the user. This project was an entry in the January Stanford Hackathon hosted by BASES/ ACM.
- **Premed APAMSA Webpage** premed-apamsa.stanford.edu/
 - Built from scratch using HTML/CSS and JQuery over two days.
 - Implemented a docking navbar, interactive members section, and a fluid, scrolling layout.
- **Molecular Dynamics Simulator** Bioinformatics Class Project
 - Simulated physical interactions between atoms to visualize protein folding and summarize potential and kinetic energies. Written in Python using NumPy, and tested via a molecular visualization program.

Skills

Proficient: HTML/CSS, JavaScript, Python
Comfortable: Java, C, C++

Activities

Stanford Center for Teaching & Learning
Chemistry Subject Peer Tutor *September 2013-Present*
Stanford Premedical APAMSA
Co-Founder/Webmaster *September 2013-Present*
Cardinal Free Clinics
IT Assistant *January 2014 -Present*
Stanford Student Biodesign
Buisness Development Team *September 2013-Present*
Stanford Everyday People Acappella
Tenor/Webmaster *September 2012-Present*

Awards

- **CS147 Web Challenge Winner** Jannuary 2014
 - Judged a winner of a challenge to develop a project portflilio website for a Human-Computer Interaction course. (see skleung.github.io)
- **Top CS InstaEDU Tutor** December 2013
 - Featured as a top Computer Science tutor on the site homepage with a perfect lesson rating.
- **Intel STS Semifinalist** May 2012
- **USA Biology Olympiad Semifinalist** May 2012