Kevin Hsu

(510)789-9807
khsu31@gmail.com

Education:

University of California, San Diego   B.S. Computer Engineering
GPA: 3.6   Anticipated Graduation: March 2016

Skills:

C++, Java, Git, Python, Verilog, C, Assembly, PSpice, Linux, VMware
HTML5, CSS, JavaScript, JSON, jQuery, MATLAB, BASH, Bootstrap
Django, MongoDB, Ruby on Rails, Node.js, VBA, JUnit

Work Experience:

CSE 110 Team Kronos Project Manager
UCSD, La Jolla, CA   *March 2015-Present*
- Lead team of 11 to build a web app scheduler and calendar for student use
- Voted by team as most valuable person during peer reviews
- Used HTML5, CSS, Bootstrap, JavaScript, jQuery, Parse API, OAuth 2.0

CSE Tutor   *March 2015-Present*
UCSD, La Jolla, CA
- Debug student code and solidify core computer science concepts with students
- Edit and adjust future assignments with teaching team to better reflect the course
- Check-off student work and enter student grades into teacher's confidential gradebook

IEEE Micromouse Lead   *October 2014-Present*
UCSD, La Jolla, CA
- Lead a team of 7 to build an autonomous robot to solve a maze
- Researched, designed, and built the robot, from ordering parts and soldering circuits
- Program all maze-solving logic on Teensy 3.1 running Arduino
- Provide status reports to Micromouse Chair and attended meetings to discuss progress

Purchasing Intern   *June 2014-September 2014*
Finelite, Union City, CA
- Developed Excel VBA macros and designed logic formulas to analyze data
- Calculated and forecasted inventory numbers for production
- Created purchase orders and quoted materials to analyze best methods of purchase

Electrical Engineering Test Intern   *June 2013-September 2013*
Finelite, Union City, CA
- Built and wired industrial light fixtures
- Consulted with QA testers to design new cart to fix previous problems
- Purchased custom parts and assembled 9 fully functional new test carts

Chess Tutor   *September 2006-June 2012*
Mission San Jose Elementary School Chess, Fremont, CA
- Explained tactics and reviewed annotated games with 10-15 students
- Team won national championship titles in 2009 and 2013

Volunteering:

STEM Merit Badge Volunteer
UCSD IEEE, San Diego CA
- Mentored elementary students with Eclipse IDE
- Coded and debugged students Java code

Interests:

Fitness, Tennis, Basketball, Guitar, Piano