

Steven Zheng

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Education

University of California, San Diego

B.S. Expected June 2018

Major: Computer Science

Fall 2014 – Present

- Overall GPA: 3.93
- Major GPA: 4.00

Relevant Coursework: Design and testing of algorithms, Computer Organization and Systems Programming, Advanced Data Structures, Software Engineering, Human-Computer Interaction and Design

Experience

Research Fellow - Earthwatch Institute

Summer 2013

- Performed hands-on field research on and data collection of songbird nesting rates at Jackson Hole for the Teton Science Schools
- Analyzed nesting data using statistical chi-square tests

Software Development Intern - Jet Propulsion Laboratory

Summer 2015

- Facilitated Telemetry Tracking and Data services for the Deep Space Network
- Improved ease, speed, reliability, and consistency of Data Capture and Delivery software installation by converting the installation process from using a Perl script to using software packages. Worked with the RPM Package Manager and Solaris 10 Package Manager formats.

Projects

Taskr

Winter 2015

Led a team of developers to create a task manager app for Android that automatically and fairly assigns tasks based on their difficulties to individuals in a group for a team of clients. Designed an algorithm that used the difficulties of tasks as weights to evenly distribute tasks among a group of members.

FriendsnFood

Winter 2015

Developed a mobile web app that automatically schedules meals between friends and students at UCSD to promote social bonding without the hassle of communication and coordination.

Skills

- Languages: Java, C, C++, Swift, HTML5, CSS3, Javascript, and Perl
- Tools: jQuery, node.js, Git, Unix, Google Analytics, Parse
- UX/UI Design: Prototyping, Heuristic (Usability) Evaluation, A/B Testing
- Software Engineering: Agile Development, Behavior and Test Driven Development, Waterfall/Spiral Model
- Leadership: Communication and development lead for in-class software engineering team

Honors

- Top 15 finish at the Women In Computing Beginner Programming Competition
- Xerox Award for Innovation and Information Technology

Fall 2014
Spring 2014