

```
var resume = { "name": "Kimberly Ly", "phone": "818-284-2733", "email": "k2ly@ucsd.edu" };
```

EDUCATION

University of California, San Diego

Jun 2017

Computer Engineering, Bachelor of Science

GPA: 3.78

Relevant Coursework

- Design and Analysis of Algorithms (Winter 2015)
- Software Engineering (Spring 2015)
- Principles of Computer Operating Systems (Fall 2015)

WORK EXPERIENCE

San Diego Supercomputer Center, Assistant Systems Administrator

Oct 2014 – Present

- Developed a dynamic web app to estimate costs of SDSC services for faculty and researchers
- Wrote Powershell code to systematically check networks for vulnerabilities

UCSD Computer Science & Engineering Department, Tutor

Mar 2014 – Present

- Managed weekly lab hours and conducted discussion sections to help students with their assignments
- Assisted professors with grading programs and exams

Qualcomm, Software Engineering Intern

Jun 2015 – Sep 2015

- Collaborated with the team responsible for maximizing phone battery efficiency
- Programmed extensively in Android and C++
- Wrote over 80 unit tests for existing code

Fresh Interactive, LLC, Web Development Intern

Jun 2014 – Sep 2014

- Created and maintained clients' websites in a team-based environment using HTML, CSS, and JavaScript

PROJECTS

- **HackMobile 2015** *Jun 2015*
 - Created QMemos, an Android app takes pictures and automatically turns it into a meme, then puts it on a work badge
- **Punctual** *Jun 2015*
 - An app developed for Android; sends out smart reminders based on location and usual tardiness. Find it in the Play Store now under "Punctual" by Team AWSM!
- **Pied Piper** *Jun 2015*
 - A web app that integrates various datasets and displays it in a beautiful and efficient manner using D3.js and C3.js to help users find their perfect home in the San Diego County

TECHNICAL SKILLS

- **Object-Oriented Programming** – Java, C++, C
- **Web Development** – HTML, CSS, JavaScript, JSON, Node.js, PHP
- **Mobile Development** – Android
- **Operating Systems** – Mac, Windows, Linux, Unix

AWARDS AND HONORS

Aspirations in Computing Southern California Affiliate Winner

May 2013

- Awarded by the National Center for Women and Information Technology