Jerry Ku

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Education

University of California Santa Cruz   **Santa Cruz, CA**
Bachelor of Science in Computer Science   *Expected June 2017*
• **Honors/Awards:** Dean's List (Fall 2013)
• **Relevant Coursework:** Java Programming, Data Structures, Mobile Applications, Web Applications, Intro to Algorithms, Computer Architecture, Compiler Design, Operating Systems, ADTs, Database Systems

Technical Skills

Languages: Java, JavaScript, HTML, CSS, SQL
Software/Frameworks: Windows, Linux, Unix, Android Studio, Eclipse, Node.js/Express, PostgreSQL, Bootstrap
Interests in: Software Development, Full Stack Development, Mobile Applications, Cyber Security

Projects

ClubHub   *Dec 2016*
• Developing web application to allow users to easily order drinks at clubs and bars while allowing bartenders to easily receive and make drink orders.
• Constructed PostGreSQL backend for storing general business information, drink orders, and user account information
• Server developed using Node/Express and hosted on Amazon Web Services.

OnWatch - *Hack UCSC 2016 3rd Place Winner (Tech Cares)*   *Jan 2016*
• Designed an Android smartwatch application which allowed users to easily alert emergency contacts of potentially life threatening situations and provide their current location at the push of a button.
• Led a team of 5 students and received 3rd place out of 100 other teams in HACKUCSC 2016.
• Created UI and implemented Google location API to track users when requested.
• Actively participated in peer code reviews to ensure code quality.

Nosh *- Intro to Software Engineering Project*   *Nov 2016*
• Created an Android application that randomly generates an assortment of restaurants that the user may want to dine at, given the user's specific preferences. Users may choose to call an Uber to the restaurant of their choice.
• Established API endpoints using Amazon Web Services to communicate with Yelp API.
• Implemented Google location API in together with Uber API to request rides.

Work Experience

Corotech   **San Leandro, CA**
IT Technician   *Sept 2016 - Present*
• Assist clients by professionally transporting and installing desktop computer systems and peripherals.
• Keep extensive documentation of basic system information for each system.
• Provide post move technical support as needed.

UCSC Building Utility and Fleet Services   **Santa Cruz, CA**
Planned Maintenance Student Admin Assistant   *June 2015 - Mar 2017*
• Aid in the running of an administrative office dealing with sensitive information pertaining to the upkeep of the university.
• Monitor the status and usage of critical building equipment used all over campus during routine maintenance.
• Audit and manage the inventory of air filters used in over 50 university buildings.
• Maintain and ensure working status of general office equipment such as computers and printers.