Jerry Ku

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Education

University of California Santa Cruz	**Santa Cruz, CA**
Bachelor of Science in Computer Science	*June 2017*

• **Honors/Awards:** Dean's List (Fall 2013)
• **Relevant Coursework:** Web Applications, Intro to Algorithms, Computer Architecture, Compiler Design, Operating Systems, Abstract Data Types, Database Systems, Java Programming, Data Structures, Mobile Applications

Technical Skills

Programming Languages: JavaScript, Java, HTML, CSS, SQL
Software/Frameworks: Node.js/Express, PostgreSQL, Polymer.js, Bootstrap, MongoDB, jQuery, Windows, Linux, Unix, Android Studio, Eclipse, GitHub, Restful APIs

Work Experience

ClubHub - UbiQ Enterprises LLC	**Cupertino, CA**
Full Stack Web Developer	*Jan 2017 - Present*

• Created and maintained PostGres database for storing general business information, and user account information.
• Created Restful API routes to retrieve backend data and update the database.
• Designed responsive web pages to display aggregate data from the database for easy analysis.

Corotech	**San Leandro, CA**
IT Technician/Project Lead	*Sept 2016 – Jul 2017*

• Assist clients by professionally handling desktop workstations, and peripherals, and other equipment.
• Keep extensive documentation of over 500 individual desktop system arrangements.
• Setup and test hardware to ensure the integrity of each computer and phone system.
• Supervise and 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.

Course Work Projects

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.