

Genevieve Kam

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EDUCATION

UCLA Coding Boot Camp, Full Stack Web Development. September 2017
University of California, Davis, B.S.E. Electrical Engineering. June 2015

SKILLS

Programming: Node.js, Express, JavaScript, jQuery, APIs, JSON, REST, AJAX, Sequelize, HTML, CSS, C, Matlab

Databases: MySQL, Firebase
Design Tools: GIT, Github, MySQL Workbench, Heroku

TECHNICAL EXPERIENCES/ PROJECTS

- React NYT Search** **September 2017**
- React-based application that utilizes the React mounting lifecycle to query and display articles based on user searches. Users can also save articles and can be found in the save tab.
- Friend Finder** **August 2017**
- Built an application with Express and developed an algorithm to match users with other users based on compatibility
- Bamazon** **August 2017**
- Programmed an Amazon-like storefront using MySQL database where it can take in orders from user "customers", as well as restock inventory from user "managers"
- LIRI (Language Interpretation & Recognition Interface)** **August 2017**
- Compiled a Siri-like Bot to call upon songs, movies, and tweets using Node.js and npm packages
- Star Wars Mafia Game** **August 2017**
- Collaborated with team to design a game application where multiple users can join in and play a Star Wars themed murder mystery
 - Focused on voting system to capture user input and store into Firebase
- Radar System Project** **September 2014 – June 2015**
- Constructed a radar system with coffee cans as a cylindrical waveguide horn antenna, RF subsystems containing power amplifier, 3-dB attenuator, VCO, power splitter, and mixer, and Low Pass Filter
 - Experimented with Tiva C Series to improve the frequency analyzer that captures and displays RF signal

WORK EXPERIENCE

- Independent Web Developer** **Los Angeles, CA**
September 2017 – current
- Worked with clients to develop websites to fulfill their needs
- Intel Ultimate Engineering Experience Internship** **Sacramento, CA**
June 2013 – August 2013
- Led a my team to create a web application using HTML5 and CSS in bolstering awareness of alternative transportation and its efficiency
 - Participated in a Hack-A-Thon to improve web application addressing public health issues