

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

Trivia Game **July 2017**

- Created a trivia game using JavaScript and jQuery to manipulate a HTML page

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

Tai On Pharmacy: Pharmacy Clerk **Los Angeles, CA**
June 2016 – March 2017

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