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Ryan Kang

Technical Skills

Strong: JavaScript ES5/ES6, jQuery, HTML5/CSS3, AJAX, REST API, JSON, PHP, MySQL, C++, C, Agile Methodology, Debugging (Chrome Dev Tools)

Experienced: React.js + Redux, Axios, Bootstrap, Materialize, Java, Object Oriented Programming, Node.js

Tools: Linux, Version Control (Git), Github, Eclipse, Visual Studio Code, Amazon Web Services, Postman, JSDocTask Tracking (MeisterTask)

Applications Developed

getDevJob(you) | (Live | GitHub)
- Launched web application that acts as job board aggregator for web developers and software engineers
- Designed with **React.js**+**Redux** for website design and constructed a **PHP** backend and **MySQL** database to store information on users and job postings such as description, salary, company information, expected salary
- Implemented **AJAX** calls to **API**s such as Jooble, Adzuna, Google Maps to retrieve job postings and company information/history and deployed **PHP** script cron job to update MySQL database every week

SteadyEats | (Live | GitHub)
- Deployed web application that shows nutrients information of a food item and directions to nearby restaurants
- Utilized **HTML5** to create a simple user interface and invoked **Bootstrap** to aide in website responsiveness
- Envoked **AJAX** calls to Nutritionix, Yelp, and Google Maps to gather nutrients information and retrieve nearby restaurant locations and its respective Yelp reviews

Six Degrees of Kevin Bacon
- Developed a **C++ program** that posits that any two Hollywood actors are connected to each other
- Parsed text file of actor names, movie names and movie year dates into **Hashtable** structure and output text file containing the degree of separations between two different actors that act in the same movies
- Utilized graph searching algorithms (**Depth First Search**, **Breadth First Search**, **Dijkstra**) to find minimal sequence of movies that connects any two actors
- Individual project that required **+20 hours** a week in a 3 week span of planning and programming

Work Experience

Sales and Marketing Specialist for Applied Solar Energy Solutions   **June 2016 – September 2016**
- Traveled to different neighborhoods to persuade homeowners to purchase solar power panels
- Exceeded weekly company goals of setting up two appointments a week
- Promoted creative sales enhancement methods to management to improve communication with homeowners

Education

University of California, San Diego   **Expected Graduation: June 2019**
- Pursing Bachelors of Science in **Mathematics-Computer Science**
- Relevant Courses: Advanced Data Structures, Design and Analysis of Algorithms, Discrete Mathematics, Introduction to Numerical Analysis, Computer Organization and Systems Programming

LearningFuze Accelerated Web Development Program, Irvine   **June 2018 – September 2018**
- Full immersion program that required over 12 hours a day of hands-on programming in a simulated workplace environment