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## **Skills**

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### **Languages:**

• Java • C++ • HTML • CSS • Scala • Ruby • Javascript • PHP

### **Tools/Technologies:**

• Eclipse IDE • Sublime • Brackets Text Editor • Android Studio • Node.js  
• Netbeans IDE • CodeBlocks • JQuery • Git • Ruby on Rails • AJAX

## **Education**

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**San Francisco State University**  
GPA: 3.50

Bachelor of Science in Computer Science  
*August 2013 - May 2017*

## **Employment**

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**Teaching Assistant** – San Francisco State University *June 2016 – Present*

- Assisting professor with administrative responsibilities
- Provided support to students building their websites and learning web technologies

## **Projects**

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### **Amazing Recipes Search – Search Recipe by Ingredients Android App**

*September 2015 – December 2015*

- Worked in a team of six, utilizing Scrums and Agile Methodology to meet our deadlines while preserving quality software
- Utilized the Volley library to get our results from the API's and parsed the retrieved data. Also created the Java class to show the data in a neat format for our users.
- Implemented various functions such as Swipe to Search, allowing the user to immediately swipe to search for a recipe after selecting their ingredients, to improve user experience
- Utilized SQLite to store favorite recipes and allow the user to return to those recipe's page.

### **Liars Dice – Browser Based Dice game**

*March 2016 – May 2016*

- Worked in a team of four, to create a dice game using Ruby on Rails, HTML, CSS, and JavaScript; worked as Full-Stack Developer
- Implemented chat and game communication using Pusher library and AJAX
- Implemented game engine, logic, and behaviors such as Bidding and Challenges

### **Interrobang.OS – JavaScript Operating System**

*February 2016 – May 2016*

- Lead a team of five to create a fully functional operating system in pure Javascript
- Researched and utilized Web Workers to simulate multiprocessing and multithreading in a single threaded environment
- Implemented First Come First Serve task scheduling and many other necessary OS features
- Handled logistics and team organization to meet deadlines and milestones

### **Basic Ruby Web Server**

*February 2016 – March 2016*

- Lead a team of three to create a web server that takes in HTTP Requests and sends out HTTP responses
- Handled logistics such as assigning roles to team members, emphasizing team's strengths
- Debugged and tied together group's code to create a fully functional project
- Implemented GET and DELETE requests, aliases, script aliases, and user authentication

## **Other Pursuits**

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- Association for Computing Machinery: San Francisco State University chapter
- Competitive Go/Baduk player, part of the Bay Area Go Players Association
- The Hacking Club at SFSU – Founding member and Chief of Technology