Vincent Jiang

Software Engineer
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Education

Purdue University - West Lafayette, IN **May 2018**
Bachelor of Science in Computer Science
Minor in Management
Relevant Courses
Software Engineering, Software Testing, Systems Programming, Compilers, Analysis of Algorithms, Information Systems, Computer Architecture

Work Experience

Amazon.com, Inc., Software Development Engineer Intern **May 2017 – August 2017**

- Developer on the AWS Database UX team which focuses on improving the UI/UX for AWS consoles. Mainly worked on Redshift database service.
- Redesigned parts of the launch cluster process and developed new features for Redshift reserve instances to improve the customer experience. Also developed a suggestions column to provide customers notifications on how to save more per cluster.
- Coded front end using Google Web-development Kit and back end using Java.

Project Experience

Perspective, Unity App Developer **September 2016 – December 2016**

- Developed a 3D ambience referencing a puzzle game setting with a software development team for Software Engineering. Optimized gameplay by utilizing the Oculus Rift VR headset to provide a fully immersive experience.
- Scrum master of a five-person team and followed a three sprint schedule to organize our project.
- Coded movement using JavaScript and models from the Unity Asset Store.

UNIX Shell, C++ Developer **October 2016 – November 2016**

- Implemented a UNIX Shell that allows users to execute basic commands such as pipelining, wildcarding, environment variable expansion, and history.
- Coded functionality using Lex, Yacc, and C++.

Uberlytics Official, Web App Developer **June 2016 – August 2016**

- Part of an independent software development team that created a Firebase-hosted website that makes Uber RESTful API calls to retrieve app information. We tracked surge multipliers which were polled and stored per 5 minutes and the averages per day were computed on server-side.
- The server projected a chart of the computed averages per day using ChartJS to provide users information about rush hour usage.
- Coded back end using JavaScript and front end using jQuery.

Skills

Programming

- Proficient: Java, JavaScript, C, C++, HTML/CSS
- Familiar: Python, SQL, NoSQL

Software & Technologies

- Development: jQuery, NodeJS, Firebase, REST API
- Services: Unity Game Engine, AWS Redshift, AWS EMR