

Vincent Jiang

Software Engineer, Management

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Education

Purdue University

Bachelor of Science in Computer Science

May 2018

Minor in Management

Relevant Courses CS 307: Software Engineering
CS 252: Systems Programming
CS 251: Data Structures and Algorithms
CS 250: Computer Architecture

Technical Skills

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|---------------------|-------------------|------------|---------|-----------|
| Programming | JavaScript | Java | C/C++ | C# Script |
| Technologies | SQL | CAD | RStudio | |
| Tools | Unity Game Engine | Unix/Linux | | |

Project Experience

Uberlytics Official, Web App Developer June 2016 – August 2016

- Part of an independent software development team to create a Firebase-hosted website that works with Uber API. The server projects a chart of the average surge multiplier throughout the week to provide users information about rush hour usage.
- Coded back end using JavaScript and front end using HTML/CSS.
- Website URL: www.uberlyticsofficial.xyz

3D Immersive Environment, Unity App Developer September 2016 – Present

- Developing a 3D ambience referencing a puzzle game setting with a software development team for Software Engineering. Will branch out to fully immersive VR gear in the future.
- Coding movement using JavaScript and using models from the Unity Asset Store

Ballshake, Unity App Developer August 2016 – Present

- A simple mobile app based on moving a ball inside a 2D physics space. Uses the Unity Engine to analyze phone movement using the inbuilt accelerometer.
- Coded sprite movement using JavaScript.

IRC Server/Client Program, C Developer April 2015 – May 2015

- Chat program which allows communication between clients within multiple chat rooms hosted by a server. Each user has a unique username and password used to send messages, create and switch chat rooms, and perform other server actions.
- Coded back end using C and front end using C++ GWidgets.

Leadership

First Tech Challenge, Infinity Robotics September 2010 – May 2014

- Part of Team 5151 who won multiple honors and awards at Northern California, Nevada, and West Coast Regional tournaments.
- Retired our legacy to personally mentored underclassmen who qualified the team for the FTC World Championships 2015.