Junjie Chen

jchen293@buffalo.edu • 910-363-6936 • jchen293.github.io • github.com/jchen293

Education

University at Buffalo, The State University of New York   Buffalo, NY

Bachelor of Science in Computer Science   Graduating May 2020

GPA 3.66/4.00

Experience

Research Assistant - University at Buffalo   *September 2018- Present*

- Developed a web application by using JavaScript and SQL for the Botanical Gardens
- Utilized Python to develop a program that can synchronize the videos from the data collection

Software Engineer Intern - SyncIoT Technologies   *July 2019 - August 2019*

- Constructed a full-stack web application that allows the customer to see data from the IoT sensor by using AWS, EJS, ExpressJS, MongoDB, and Node.js.
- Designed user privilege along with the administrator system and implemented them on the website
- Implemented new features with APIs and improved website stability

Student Software Engineer - UB Nano-Satellite Laboratory   *September 2017- December 2018*

- Assisted in developing GLADOS Satellite in C++ and preparing to launch it into orbit
- Executed test cases and computed the download amount for the flight software system

Web Developer Intern - Alzerina Jewelry   *May 2018- August 2018*

- Managed the company website content and added/removed product through Shopify
- Created a new website for Alzerina Fashion by using HTML, CSS, and JavaScript

Projects

Buy and Sell Platform - React, Node.js, MongoDB, ExpressJS.

- Built a full-stack web application for the students to buy and sell items using MERN Stack
- Developed unit tests and implemented new features by using Postman and third-party APIs

Trading Market - Solidity, SQL/MySQL, Node.js, Bootstrap

- Designed and implemented a decentralized application for item trading market
- Constructed a smart contract to provide verification and transaction records among users

Tappy Unicorn - C#, Unity, GIMP

- Produced a mobile game in C# on Unity where a player has to control a game character to avoid barriers in order to gain a higher score

Academic Computation Application – Android Studio, Java

- Built an Android App that allows students to compute their academic grade

Skills

Programming: Java, JavaScript, PHP, SQL, C++, C, Python, OCaml, HTML, CSS, C#

Frameworks and Tools: React, Node.js, MongoDB, MySQL, Bootstrap, ExpressJS, Amazon Web Services, Git, jQuery, Shopify, EJS, Visual Studio, Android Studio, Selenium, Postman

Courses: Algorithm, Blockchain, Web Development, Software Engineering, Computer Security