Matthew M. Pan

✉ minxiang@buffalo.edu | 📞 646-508-9645 | ⭘ Github.com/minxiangpan | in Linkedin.com/in/matthewmpan
📍 Greater New York City Area

EDUCATION

University at Buffalo, State University of New York   Buffalo, NY
Bachelor of Science in Computer Science   July 2016 – May 2020
GPA 3.95/4.00

SKILLS

Programming: JavaScript, HTML/CSS, SQL, C#, C/C++, Python, PHP, Java
Technologies: React, Node.js, jQuery, MSSQL, MySQL, MongoDB, Bootstrap, .Net, Django
Language: English and Mandarin

EXPERIENCE

Apex Logistics International   May 2019 - August 2019
Software Engineer Intern   New York, NY
- Developed web application that allows sells and operation team to retrieve and manage more than thousands of containers monthly by using **.Net** framework.
- Established the connection between Biztalk Server an **MSSQL** database to automatically sending the milestone in EDI315 by using **SQL** and **XSLT** Transformation.
- Created a hassle-free user experience by provided validation and auto-correction on the data.
- Utilize: C#, .NET, MSSQL, XLST, Javascript, HTML/CSS, vue.js, Bootstrap

UB Nano Satellite Laboratory   February 2018 - April 2018
Software Developer   Buffalo, NY
- Developing GLADOS Satellite in **C++** and preparing to launch it to orbit.
- Implemented exception handler to improve the reliability of the camera driver.
- Utilized: C++

PROJECTS

Exchange Book Platform *- Web Application*   February 2019 - May 2019

- Design and implement a web application for the student to trade books on the platform using **React**.
- Design and develop RESTful API for server-side computation to establish security.
- Improved faster rendering by utilizing the Virtual-Dom in React to create dynamic components.
- Utilized: React, HTML/CSS, JavaScript, MongoDB, Node.js

Trading Market *- Blockchain Application*   February 2019 - March 2019

- Design and implement a decentralize application for managing the item's market.
- Developed a smart contract to provide validation and transaction records among participants.
- Implemented smart contracts using **Solidity** and test the application using Remix IDE.
- Utilized: Solidity, React, Bootstrap, JavaScript, MongoDB, Node.js