

Matthew M. Pan

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📍 Greater New York City Area

EDUCATION

University at Buffalo, State University of New York
Bachelor of Science in Computer Science
GPA 3.95/4.00

Buffalo, NY
Excepted May 2020

SKILLS

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

Technologies: React, Node.js, jQuery, MSSQL, MySQL, MongoDB, Bootstrap, .Net

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