**Quan Vo**

**Software Developer Student at SUNY Plattsburgh, New York**

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**EDUCATION**

**SUny plattsburgh**

* + - Major: Computer Science Minor: Mathematics Honor: Dean’s List CGPA: 3.6

**TECHNICAL PROFICIENCIES**

**technologies:**

* + - Java, React JS, Python, PHP, Kotlin, C#,\C++, Node, HTML5, Object-Oriented Programming, MySQL/Postgre SQL, Dart - Flutter, JS, CSS3, Android, Firebase, Firestore, Real-time DB, Mongo DB.

**other:**

* + - Agile methodologies, Project management, Prototyping, Communication, Time Management, UI/UX Design, Teamwork, Leadership, Cross-browser compatibility

**RELATED EXPERIENCE**

**Arduino AND RASPBERRY PIE PROGRAMMING | PhysicS department suny plattsburgh**

Spring 2018 – Present Plattsburgh, NY

* + - Lead a team of 4 people to make an autonomous robot and a maze escape robot.
    - Apply machine learning to help the maze robot solve the problem 20% faster after the first try.

**django full stack developer | Computer science department suny plattsburgh**

August 2018 – January 2019 Plattsburgh, NY

* + - Lead a team of 3 people on developing a website to help the student get a shared ride for a cheaper price.
    - Apply Google and Uber APIs into the web application to calculate the estimated cost between two points.
    - Integrated Django server with MySQL Database and give a demo presentation to 30+ students and faculties.

**programming c and c++ | high school for the gifted**

Fall 2014 - Spring 2017 Dong Nai, Viet Nam

* + - Develop programming skills on C and C++ and apply them on solving more than 100 logical problems.

**Teaching assistant | computer science department suny plattburgh**

Fall 2018 – Present Plattsburgh, NY

* + - Assist 50+ students in their understanding the core programming concepts using Python
    - Hold office hours twice a week to help computer science students one on one in Python, C/C++, Java.

**MAJOR PROJECTS**

**Turn-based battling game | Python/pygame | Hackathon winner project**

* + - Created fighting algorithm between players and use pygame for making graphics.

**Rest api | Node js/React JS | coding hub project**

* + - Built an API for rapid data retrieval from MongoDB server to fetch member’s information.

**Phone Application | dart/flutter | self study**

* + - Created a phone alarm application that user must solve some logical problems in order to turn the alarm off.
    - Design an algorithm to generate random easy/intermediate/hard math problems.