

Aaron An

SOFTWARE ENGINEER

Profile

Interested in all aspects of computer science, especially in development, engineering, data analytics and mobile applications. Strong background in computer science. Hold more than 5 years of coding experience and designing software applications. Capable of combining computer science skills and business knowledge to resolve difficult problems.

Experiences

Software Engineer (Intern) Aug 2020 – Dec 2020
QMSC LLC, Remote

- Created PHP enhancements and new functionalities for backend systems.
- Corrected errors and various bugs in JS/JQuery and PHP.
- Used SQL to make new databases or to edit existing databases.
- Supported senior engineers and project managers plan for future sprints.
- Proposed new functionalities and user-focused upgrades that would be beneficial for current/future users.

Software Engineer (Intern) Jan 2020 – Apr 2020
StockX, Detroit, MI

- Developed PHP endpoints to assist with system self-healing capabilities.
- Worked with senior developers to create Python and PHP controllers that monitors the accuracy of the system.
- Transposed existing Python features to native PHP backend.
- Created unit tests in PHP to verify system functionalities and behaviors.
- Deployed monolith/database and ensured proper system behaviors.

Extracurricular Activities

Windsor Tech Club Member Jan 2016 – Aug 2019
University of Windsor, Windsor, ON, Canada

- Helped local businesses update websites with HTML, CSS, and JS.
- Designed and developed traffic monitoring features for client websites.
- Helped building, maintaining and improving projects or products.

Projects and Development Experiences

- Calibrated with other students and developed a bus navigation system for a contest hosted by the city of Detroit, placed third overall. Built with Java and Python.
- Designed and developed an Android streaming application that allows the users to stream events or watch available streams. Designed with Google APIs and FireBase API.
- Worked with monolithic structures. Built PHP controllers to determine the accuracy of data stored in the database.

Contact Information



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Troy, Michigan

Technology Stack



Tools Stack



Education

University of Windsor

Computer Science & Business Admin.
Class of 2019

- Graduated with distinction

