

# 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 fundamentals and algorithm knowledge to resolve difficult problems.

## Work Experiences

Software Engineer (Intern) Aug 2020 – Feb 2021  
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 monitor 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.

## Team Environment Experiences

- Comfortable with Agile environments (Scrum, Kanban, Scrumban)
- Familiar with version control systems (Git, Github)
- Understand the use of auxiliary tools (Jira, Confluence, Slack)
- Confident in helping/mentoring others
- Love to learn from constructive feedback.

## Projects and Development Experiences

- Collaborated 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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sagittariux.github.io



Troy, Michigan

## Technology Stack



## Tools Stack



## Education

University of Windsor

Business Admin. & Computer Science  
Class of 2019

- Graduated with distinction