

Sean Nguyen

Computer Science Student

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EDUCATION

Michigan State University

Pursuing BS Computer Science
Aug 2018 – Dec 2021

GPA 3.9

Organizations

Honors College
Programming Club
APASO
ACM
PRISM

PROGRAMMING

Languages

C++/C
Java
Python
HTML/CSS
Bootstrap/Tailwind/Bulma
JavaScript/TypeScript
ReactJS/AngularJS/AureliaJS
PHP
Visual Basic
SQL/MySQL/PostgreSQL

Technologies

Git
Linux
CLI/Bash
Azure DevOps
Jira
Jenkins

EXPERIENCE

IT Intern / Ally Financial

May 2021 – Aug 2021 / Detroit, MI

Automated solutions to improve internal tools

Internship consisted of one main problem where data refreshes break functionality in certain applications, and was tasked with finding and automating a solution to quickly restore functionality in these applications.

Developed a solution that cuts downtime of these applications from a few days to a few minutes and will be utilized for future data refreshes.

Software Development Intern / Gentex

Jun 2020 – Apr 2021 / Zeeland, MI

Worked on various continuous improvement projects on internal applications

Projects ranged from web to .NET applications, and many of my contributions focused on ease of use.

Developed features to be regularly used by Gentex factory operators and became a regular developer that other departments would personally ask for adding new features.

Undergraduate Learning Assistant / MSU College of Engineering

Oct 2020 – May 2021 / East Lansing, MI

Assisted the professor to help students learn about course content in CSE 331: Data Structures & Algorithms

Created projects and coding challenge assignments to help students learn about data structures and algorithms in an engaging way, forcing them to apply concepts they've learned about during lecture.

Expected to grade students' work in the class in a timely manner, as well as provide feedback to ensure students can improve upon their mistakes. To further facilitate students' academic success, I hold regular help room/office hours where students can attend to ask for help on projects.

Lead Student Web Developer / MSU Residence & Housing

Oct 2018 – Aug 2020 / East Lansing, MI

Developed software and solutions for Residence & Housing used by MSU housing staff all across MSU campus

Projects were primarily PHP web apps, though occasionally scripts to streamline workflow and SQL queries to pull student information were requested.

Expected to work alongside and independently from full-time staff. Oversaw and reviewed projects, features, and fixes created by other student interns.

| PROJECTS

MEI / Gentex

TypeScript, AureliaJS, CSS Bootstrap, SQL

MEI is used by factory operators to track and process operations for jobs, which ultimately create parts

Service Portal / MSU Residence & Housing

PHP, JavaScript, JQuery, CSS Bootstrap, SQL

A webapp where service desk workers at MSU's residential halls can log and track relevant information for residents