

| Sean Nguyen

Computer Science Student

senguyen1011.github.io/portfolio

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| EDUCATION

Michigan State University

Pursuing BS Computer Science

Aug 2018 – Dec 2021

GPA 3.9

Organizations

Programming Club

APASO

ACM

PRISM

| PROGRAMMING

Languages

C++/C#/Objective-C

Python

HTML/CSS

Bootstrap/Tailwind/Bulma

JavaScript/TypeScript

ReactJS/AngularJS/AureliaJS

PHP

Visual Basic

SQL/MySQL/PostgreSQL

Technologies

Git

Linux

CLI/Bash

| SKILLS

Organized

Time-management

Team player

Ambitious

Self-motivated

Adaptable

| EXPERIENCE

Software Development Intern / Gentex

Jun 2020 – Current / 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.

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

My biggest contribution to MEI was the addition of the defect location tracker. Should a part be defective, operators can log and mark the defect on the part and scrap it. The defect locations are stored in their own database table, and can be pulled for reporting reasons.

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

My contributions were implementing and maintaining the package and item loan features. Packages are dropped off at the service desk, where they will be logged and Service Portal will notify residents through email that their package has arrived. Residents may also borrow items, such as keys and access cards, from the desk, which the app will also track and notify residents if their item is overdue for return.