

Nam (Logan) Nguyen

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WORK EXPERIENCE

Web Development Intern Syracuse, New York

Feb. 2022 - May. 2022

SUNY Center for Professional Development

- Re-designed and maintained a network of 30 WordPress sites
- Created and launched 4 WordPress blogs
- Monitored website performance and handled troubleshooting and WordPress issues

Full-stack software engineer internship Chantilly, Virginia

Sep. 2022 - now

Jobs4Interns (non-profit)

- Migrated codebase from **React class components** to modern **functional components** reducing a significant amount of repetitive code to better performance
- Utilized **Node JS, Express JS, MongoDB, and Mongoose**, the complete **MERN Stack** to provide **RESTful APIs**
- Created new features, functionality, and capabilities for the projects

EDUCATION

Green River College Auburn, WA

Jan. 2017 - May 2019

Associate in Arts in Information Technology

CGPA: 3.94/4.00

- Relevant course work: Front-end Web programming, Java OOP, Data Structures, SQL Database

State University of New York (SUNY), College at Oswego

Jan. 2021 – exp. May. 2023

Bachelor of Science in Computer Science

CGPA: 4.00/4.00

- Relevant Courses: System programming (C), Software Engineering (Java, React, Liberty), Algorithms and Data Structures

PROJECTS

Calibrated Peer Review (*Java Back-End developer*)

(Course/Team Project) - github.com/tenbergen/CSC480-22S

- Separated the application into a **microservice architecture** using **IBM's Open Liberty** application server to host each service
- Applied **token-based authentication mechanisms** to all system microservices by implementing **MicroProfile JWT** to authenticate, authorize, and identify users based on different roles
- Built clean and efficient **RESTful APIs** that served data to the **React** client application based on dynamically chosen user inputs and HTTP requests

Data Analytic Yelp App (*Full-Stack Developer*)

(Course/Individual Project) - github.com/logann131/CSC-365-fullstack-app-III

- Implemented **Java Spring Boot** framework to create a standalone resource server to host all the data analytics from a dataset retrieved from **Yelp**
- Integrated **customized B-Tree data structure** and **MySQL Docker** image to store all the data and information to provide faster data lookup time and optimize the memory space in disk
- Applied the combination of the modern front-end framework, **React**, and the type-safe programming language, **TypeScript**, to mitigate type-error in runtime and enhance application performance and responsiveness

SKILLS

Programming

| Java • Python • JavaScript (ES6) • TypeScript • C • C++ • SQL • Dart • PHP

Front-End

| NextJS • React • HTML5 • CSS • Tailwind • Styled Component • Bootstrap • WordPress

Back-End

| Golang • Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Rest API • Firebase

Blockchain

| Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Truffle

Deployment

| AWS • Netlify • Heroku • Docker