

## Nam (Logan) Nguyen

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### OBJECTIVE

Detail-oriented and highly motivated individual seeking to join a growth-oriented company as a junior software engineer to provide a variety of back-end software solutions, including database management and programming.

### 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

### 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. Dec. 2022  
**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](https://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](https://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

**Dev Meet Up (Full-Stack Developer)**  
(Side Project) - [github.com/logann131/Meetup-app](https://github.com/logann131/Meetup-app)

- Launched a dynamic social network for developers to meet up using the **MERN stack**
- Incorporated **React-Redux store** for highly scalable application-level state management that allows access to user, profile, post, and authentication states globally
- Utilized **Cloud-Native Database, MongoDB Atlas**, to effectively stores and accesses schema-less users' information
- Implemented an authentication system with cryptography to enhance privacy protection using **jsonwebtoken** npm package

### SKILLS

<b>Programming</b>	Java • Python • JavaScript (ES6) • TypeScript • C • C++ • SQL • Dart • PHP
<b>Front-End</b>	React • HTML5 • CSS • Tailwind • Styled Component • Bootstrap • WordPress
<b>Back-End</b>	Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Rest API • Firebase
<b>Blockchain</b>	Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Truffle
<b>Deployment</b>	AWS • Netlify • Heroku • Docker