

## Work Experience

**Software Engineer Intern** | Best Buy  
Minneapolis, MN

June 2022 - Aug 2022

- Designed and built a web application to improve IT support experience
- Developed [RESTful APIs](#) and other microservices with [Spring Boot](#) for the backend
- Built reusable [React JS/TS](#) components to generate a form and other UI elements for the frontend

**Junior Cloud Architect** | Intellimind  
Las Vegas, NV

July 2021 - May 2022

- Built, provisioned, and deployed [AWS](#) infrastructure ([EC2](#), [RDS](#)) based on client needs and scenarios
- Remotely managed, gathered data to perform common troubleshooting and management tasks, and viewed the health and performance status of 50+ managed nodes
- Created [Lambda](#) functions to automate data-processing triggers for AWS services

## Skills

**Languages:** C/C++, Python, Java, JavaScript, TypeScript, HTML, CSS, Swift, x86 Assembly  
**Technologies:** AWS, Git, React, Spring, Figma, Arduino, Swagger, Web APIs, Linux

## Projects

**Form Creator** | JavaScript, React

[View Project](#)

- Generate a dynamic form from a custom template with drop down menus, radio buttons, date selector, input and text area fields
- Tracked state of elements with [React Hooks](#)

**Diabetes Indicator Data Analysis** | Python, Jupyter

[View Project](#)

- Analyzed open source dataset to detect diabetes in an individual using [Numpy](#) and [TensorFlow](#)
- Implemented various [machine learning](#) algorithms to create an accurate and optimal [predictive model](#)
- Won Grand Prize in undergraduate machine learning research competition

**Cup Protector** | C++, Swift, Arduino

[View Project](#)

- Programmed an [Arduino](#) module to an alarm-like device that protects a drink from being spiked
- Built an accompanying mobile [IOS app](#) that connects to the device via Bluetooth Low Energy and controls the alarm system

View more projects on my [Github](#) or [Website](#)

## Education

**University of Nevada, Las Vegas**  
Bachelor of Science - Computer Science

May 2023  
GPA 3.70

**CodePath**  
Certificate in Intermediate Software Engineering

Remote  
June 2022 - Aug 2022

## Certifications

AWS Certified Cloud Practitioner

June 2021

## Community Involvement

Girls Who Code | Director of Social Media, Member  
Alpha Phi Omega | Fellowship Chair, Member

2019 - Present  
2021 - Present