

Carmen Lee

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carmen-lee.github.io

Work Experience

Software Engineer Intern | Best Buy
Minneapolis, MN

June 2022 - Aug 2022

- Collaborated with other developers to design and build 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 managed nodes
- Created [Lambda](#) functions to automate data-processing triggers for AWS services like [S3](#)

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 - Frontend Developer | 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 - Data Analyst | 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 - Software Developer | 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
B.S of Computer Science

May 2023
GPA 3.70

Certifications

CodePath Intermediate Software Engineering
AWS Certified Cloud Practitioner

June 2022 - August 2022
June 2021

Community Involvement

Girls Who Code | Director of Social Media, Member
Rebel Forward Mentoring Program | Mentee

2019 - Present
2021