

Carmen Lee

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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](#)
- Created and reusable [React JS/TS](#) components to build dynamic forms generated from a custom template

Junior Cloud Architect | Intellimind
Las Vegas, NV

July 2021 - May 2022

- Provisioned and deployed 20+ [AWS EC2](#) and [RDS](#) servers based on client needs and scenarios
- Monitored internal resources on more than 100 servers using [CloudWatch](#)
- Created [Lambda](#) functions in [Python](#) to automate email alerts and gather data to upload to [S3](#)
- Co-led cloud migration projects that introduced SaaS services to increase work efficiency

Projects

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

Typing Test Bot - Software Developer | Python, HTML

[View Project](#)

- Built web crawler with [Selenium](#) to autocomplete typing test

Skills

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

Education

University of Nevada, Las Vegas
B.S of Computer Science

May 2023
GPA 3.70

Relevant Courses: Data Structures and Algorithms, Database Management, Machine Learning, Internet Security, Computer Architecture, Operating Systems

Awards/Certifications

CodePath Intermediate Software Engineering
AWS Certified Cloud Practitioner
Dean's Honor List, Howard R. Hughes College of Engineering

June 2022 - August 2022
June 2021
2019 - Present

Community Involvement

Girls Who Code | Director of Social Media, Member
Rebel Forward Mentoring Program | Mentee
Alpha Phi Omega | Fellowship Chair, Member

2019 - Present
2021
2021 - Present