Carmen Lee

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LinkedIn Github
carmen-lee.github.io

Work Experience

Software Engineer Intern | Best Buy   June 2022 - Aug 2022
Minneapolis, MN

- 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   July 2021 - May 2022
Las Vegas, NV

- 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   May 2023
Bachelor of Science - Computer Science   GPA 3.70

Certifications

CodePath Intermediate Software Engineering   June 2022 - Aug 2022
AWS Certified Cloud Practitioner   June 2021

Community Involvement

Girls Who Code | Director of Social Media, Member   2019 - Present
Rebel Forward Mentoring Program | Mentee   2021