Carmen Lee

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LinkedIn Github
carmen-lee.github.io

Work Experience

Software Engineer, EDG | MathWorks   Aug 2023
Boston, MA

Junior Developer | Intellimind   July 2021 - May 2023
Las Vegas, NV

- Built high performance, scalable, cross-platform responsive web app with React, JavaScript, Material-UI and other technologies integrated with AWS Amplify, Cognito, and S3
- Efficiently integrated RESTful APIs and dynamically handled asynchronous data to display it in the frontend
- Participated in project oversight and peer code reviews, utilizing collaborative development workflow platforms like Bitbucket
- Configured, deployed, and managed AWS resources for a serverless architecture migration project

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

Skills

Languages: C/C++, Python, Java, JavaScript, TypeScript, HTML, CSS, Swift, x86 Assembly, php
Technologies: AWS, Git, React, Node JS, Spring, Figma, Arduino, Swagger, REST APIs, Selenium, Agile, MySQL

Projects

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   2023
Bachelor of Science - Computer Science   GPA 3.70

Relevant Coursework: Intro to Computer Engineering, Data Structures and Algorithms, Computer Organization, Operating Systems, Information Assurance, Intro to Machine Learning, Automata, Internet Programming, Compilers

CodePath   Remote
Certificate in Intermediate Software Engineering   June 2022 - Aug 2022

AWS Certification
Certified Cloud Practitioner   June 2021

Community Involvement

Girls Who Code | Director of Social Media, Member, Vice President   2019 - Present
Alpha Phi Omega | Fellowship Chair, Member   2021 - Present