Carmen Lee

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LinkedIn
Github

Education

Computer Science - (B.S) Bachelors of Science | *University of Nevada, Las Vegas*   May 2023

> **Courses**:
> Computer Science I/II, Systems Programming, Computer Organization, Data Structures, Operating Systems, Programming Languages Concept, Information Assurance, Machine Learning, Automata and Formal Languages
>
> **Certifications**:
> AWS Certified Cloud Practitioner, July 2021

Skills

Languages: C++, Python, C, x86 Assembly, HTML, CSS, Swift
Technologies: AWS, Windows, Linux, MacOS, PowerShell, Git, Microsoft Office, Jupyter Notebook, Arduino

Work Experience

Software Engineering Intern | *Best Buy*   June 2022 - Aug 2022
Minneapolis, MN (Remote)

Junior Cloud Architect | *Intellimind*   July 2021 - May 2022
Las Vegas, NV
- 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
- Implemented AWS best practices in managing servers through regular patching and maintenance
- Co-lead multiple cloud migration projects such as the introduction of new SaaS products to increase efficiency

Projects

Diabetes Indicator Data Analysis | Python, Jupyter Notebook   April 2022
- Analyzed open source dataset to detect diabetes in an individual
- Used various machine learning algorithms to create an accurate and optimal predictive model
- Received recognition from Undergraduate CS Department

Cup Protector | C++, Swift, Arduino   March 2022
                    (In progress)
- Programmed 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 | Python   Oct 2021
- Built web crawler with Selenium Library to autocomplete typing test

Discord Bot | Python   Sept 2021
- Built Discord bot to entertain friends using commands '$hello', '$inspire', and '$weather'
- Responds to messages that express sad messages with an encouragement
- Implemented weather and database API to return current and randomized data

Achievements

Dean's Honor List | *Howard R. Hughes College of Engineering*   2019 - Present

Community Involvement

CodePath Technical Interview Prep | *Student*   2022
Rebel Forward Mentoring Program | *Mentee*   2021
Girls Who Code | *Director of Social Media, Member*   2020 - Present