

# Carmen Lee

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## Education

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

May 2023

### Relevant Courses:

Systems Programming, Computer Organization, Data Structures, Operating Systems, 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-led 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

- 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

March 2022  
(In progress)

**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 | Intermediate Track Student

2022

Girls Who Code | *Director of Social Media, Member*

2020 - Present

Rebel Forward Mentoring Program | *Mentee*

2021