MATHIS TESSIER

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EDUCATION

University of Nevada Las Vegas, NV   August 2019 – May 2023
Bachelor of Science, Computer Science   GPA: 3.61

WORK EXPERIENCE

Intellimind
Software Engineer Intern   **November 2022 - Present**
- Built, provisioned, and deployed AWS infrastructure based on client needs and scenarios.
- Created Lambda functions that communicated with RDS and DynamoDB services to provide daily status updates for processes and send automated emails to our clients.
- Worked on the user experience of our website by developing the front-end in React.

UNLV Engineering Department
GUIC Summer Camp Mentor   **February 2021 - July 2021**
- Mentored over 50 female students from grades 6-12 in Python and Arduino programming.
- Led a group of 4-5 students in designing and creating their own project.
- Encouraged women to pursue a career in STEM and helped them realize their importance in the industry.

CORE SKILLS

Python	C++	HTML	CSS	JavaScript
SQL	Git	AWS	React	

EXTRA-CURRICULAR ACTIVITIES

Kappa Sigma Fraternity
- Treasurer (January 2022 – December 2022)
  - Manage finances of fraternity by collecting dues from brothers, paying chapter bills, and creating semester budget.
- Scholarship Chair (January 2021 – December 2021)
  - Tracked grades of over 50 brothers and helped organization maintain over a 3.2 average GPA.

PERSONAL PROJECTS

Basic Login Form Webpage with Flask
Technologies used: Python, Flask, MySQL, HTML, CSS, JavaScript
- Flask webpage is connected to a MySQL database where user information such as name, email, and password are stored.
- User can create an account, and when they submit the form, a new user is added to the database with the provided information.
- User can then login to the website with credentials and choose to delete their account if they desire.

Market Data Analysis/Back-testing Engine for Stock Market
Technologies used: C#, APIs, OOP
- Retrieved data from the stock market using APIs by Tiingo.
- Programmed mathematical indicators such as RSI, MACD, Bollinger Bands etc.
- Programmed trading systems and back-tested them to obtain hypothetical returns.

LINKS

LinkedIn: www.linkedin.com/in/mathis-tessier   GitHub: https://github.com/Mtessier809