MARX COSTANZO, JR.

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PROFESSIONAL SUMMARY

Seeking full-time Software Engineer position to further develop my technical and professional skills. I enjoy both frontend and backend development. HTML, CSS, Python, Node.js, and Mongoose are some of my favorite languages and frameworks to work with. My goal is to join a vibrant corporate culture to make an impact and drive innovation.

TECHNICAL SKILLS

- Languages: HTML, CSS, JavaScript, Java, Python, C++, SQL,
- Frameworks: Express.js, Mongoose, Node.js, AJAX
- Technologies: Git, Postman, Unix, MongoDB, React JS, jQuery
- Certifications: Testout Security Pro; AWS, Azure certifications in process

TECHNICAL PROJECTS

Leave Prediction Planner
- Developed web-app using MVC architecture, Node.js, and Express to display and predict manpower shortages for the United States Air Force 352nd Special Warfare Training Squadron (SWTS)
- Utilized CI/CD process and Agile practices to deliver updates frequently and efficiently
- Updated sponsor regularly to demonstrate progress and ensure requirements were being met
- Created detailed launch/setup instructions for client and their users

Console Clash Application
- Built web-app using MVC and EJS to help students organize and participate in UNC Charlotte gaming tournaments
- Added security features via password hashing, user authentication, input validation, and data sanitization
- Implemented Mongoose database to store session, user, and event information

Canvas-Discord Bot
- Integrated university learning tool with student group-chats using Python, reducing missed assignment deadlines and announcements for virtual students during COVID pandemic
- Leveraged Agile-Scrum methodology to plan development
- Deployed tool to UNCC Discord-servers to generate feedback and improve the product
- Open-sourced project and created tutorials/guides for other students/schools to utilize

PROFESSIONAL EXPERIENCE

Field Nation (Charlotte, NC)   April 2023 – Present
IT Technician
- Installed, configured, and maintained a diversity of software and hardware
- Provided technical consultation and recommendations to clients
- Diagnosed and resolved various technical issues in both commercial and residential environments

STARS Computing Corps (Charlotte, NC)   January 2020 – June 2023
Student Leader/Mentor
- Taught students fundamentals of Computer Science and guided them through various coding activities
- Developed and presented lesson plans for teachers to help them introduce coding to students
- Provided students information on Computer Science field and overview of UNC-Charlotte Computer Science program

EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE   December 2022
- B.S. Computer Science | Concentration: Software Engineering | Minor: Business
- GPA: 3.8 | Magna Cum Laude, Duke Energy STARS Scholar, Chancellor's List