TAIMUR HASAN

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OBJECTIVE

An internship or research opportunity that will allow me to utilize my problem solving skills and attention to detail to further develop my abilities in the field of computer science. With the aim to contribute innovative solutions and grow professionally in the tech industry.

EDUCATION

California State University Monterey Bay   Seaside, CA

Bachelor of Science in Computer Science, Minor in Software Engineering   *Expected Graduation: May 2025*

- **Relevant Coursework:**
    - * CST 338: Software Design
    - * CST 363: Database Structures
    - * CST 238: Introduction to Data Structures
    - * CST 300: Major ProSeminar

EXPERIENCE

Team Member   McDonald's, Stevenson Ranch,CA

Customer Service and Team Coordination   *April 2020 - August 2020*

- Enhanced communication and teamwork, foundational for collaborative development in tech projects.

Sales Associate   Target, Valencia,CA

Customer Interaction and Inventory Management   *August 2021- December 2021*

- Developed organizational skills, crucial for managing frontend project components and deadlines.

PROJECTS

Personal Website | *Astro Web Framework, GitHub, Cloudflare pages, TailwindCSS, Three.js*   http://tshasan.com

- Constructed a personal portfolio and blog using the Astro web framework, showcasing CI/CD practices with GitHub Actions and Cloudflare Pages for automatic deployment. Styled using TailwindCSS and integrated Three.js for interactive 3D elements.

Reddit Sentiment Analyzer | *Reddit API, Python, SciPy, Plotly*

- Developed a sentiment analysis tool leveraging the Reddit API to fetch posts and comments, applied natural language processing (NLP) techniques for sentiment analysis using SciPy, and visualized trends over time with Plotly, facilitating insights into public opinion on various topics.

Audio Visualizer | *Python, pyo, pygame*

- Implemented an audio visualizer in Python with real-time sound processing using pyo and graphical display with pygame, offering an interactive experience that visualizes audio frequencies and amplitudes through dynamic visual patterns.

Private Email Server | *Oracle VM, thasan.com domain*

- Set up a secure, private email server on Oracle VM, utilizing the thasan.com domain for personal encrypted communications, enhancing privacy and data security.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, LaTeX
Frameworks: Node.js, Sveltekit, Flask, JUnit, WordPress, Daisy UI, FastAPI
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Datagrip, VIM, Sublime
Libraries: pandas, NumPy, Matplotlib, Plotly, pyo, pygame