SAMI AL-JAMAL

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EDUCATION

University of Florida — Aug 2023 - May 2027
Bachelor of Science in Computer Science — *Gainesville, FL*
GPA: 4.0.

WORK EXPERIENCE

Moffitt Cancer Center — Jul 2022 - Aug 2022
Media Producer and Editor — *Tampa, FL*

- Spearheaded the creation of two high-impact promotional videos, highlighting Moffitt Cancer Center's pioneering work in cancer research and treatment.
- Leveraged advanced multimedia tools within Adobe Creative Cloud, including Premiere, Photoshop, and InDesign, to deliver compelling visual content.
- Collaborated closely with the marketing and communications team to conceptualize and storyboard video projects, aligning them with the organization's mission.

PROJECTS

AI Assistant with GPT-4 API — Aug 2023

- Developed a sophisticated question-answering system using DataStax Astra, OpenAI, and Cassandra technologies, designed to provide precise responses to user queries based on news headlines.
- Showcased proficiency in harnessing AI and vector embeddings for complex NLP tasks, resulting in precise and intelligent answers.
- Integrated OpenAI language models to enhance the system's natural language understanding and response quality.

ACTIVITIES AND CERTIFICATIONS

Competitive Programming — May 2023 - Present

- Actively participated in the USA Computing Olympiad (USACO) and CodeForces online competitions.
- Demonstrated consistent commitment to honing coding prowess through regular engagement in online coding competitions, fostering rapid problem-solving skills.
- Contributed to thriving coding communities and forums, actively promoting collaboration and knowledge exchange.

Certifications

- Distinguished certifications from MITx:
    - 6.00.1x Introduction to Computer Science and Programming Using Python
    - 6.00.2x Introduction to Computational Thinking and Data Science
- Earned the Certified Internet Web Professional (CIW) designation for Internet Business Associate (1D0-61A).

TECHNICAL SKILLS

Languages	Python, C++, C, Java
Software/Tools	Anaconda, Visual Studio Code, Git, Neovim, Linux
Web Skills	HTML, CSS, JavaScript