Mason Offutt

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Education

University of Miami   Coral Gables, FL
Bachelor of Science in Computer Science   *May 2024*
Minor in Mathematics

Related Experience

Style.Re   Remote, US
Quality Assurance Testing   December 2023 – January 2024

- Tested the systems of a startup clothing delivery company using JavaScript and HTML in Cypress.

- Provided live monitoring of delivery systems during test deliveries through DoorDash and Postman.

Red Canyon Software & Engineering   Denver, CO
cFS Development Intern   June 2024 – August 2024

- Modified a version of NASA's cFS(Core Flight System) to develop and experiment with new flight system controls.

- Used Virtual machines, Linux, and git to run and modify cFS in a sandbox environment to simulate spacecraft Flight.

Projects

University of Miami   Coral Gables, FL
Undergraduate Research Project   August 2023 – December 2023

- Used deep learning(PyTorch) to find drug interactions used for drug re-purposing with graph convolutional networks.

- Turned strings containing biological information into mutable and computable data structures To be used within a neural network in Python.

Personal website   December 2024

- Utilized HTML, CSS, and JavaScript to create a personal website that expresses my creativity and interests.

Skills

- **Operating Systems**: Windows, Linux
- **Programming Languages**: Python, C++, SQL, C, JavaScript, HTML, CSS
- **Languages**: English (native proficiency), Spanish(Intermediate)
- **Personal Skills**: Problem solving, Communication, Critical Thinking
- **Software:** Visual Studios, Cypress, Postman, AWS

Activities & Awards

- Deans List University of Miami   - Provost Honor Roll

- Chancellors Scholarship (CU Denver)   - UM Student Developer Club