

Mason Offutt

Colorado Springs, Colorado
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Education

University of Miami
Bachelor of Science in Computer Science
Minor in Mathematics

Coral Gables, FL
May 2024

Relevant Courses

- Software Engineering
- Algorithms and Analysis
- Computer Networks
- IOT
- Operating Systems
- Machine Learning

Related Experience

University of Miami
Undergraduate Research Project

Coral Gables, FL
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.

Style.Re
Quality Assurance Testing

Remote, US
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
cFS Development Intern

Denver, CO
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.

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