# 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*

## Related Experience

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.

## Projects

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.

**Personal website**                                                                                      December 2024

- Utilized HTML, CSS, 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