

# Macguire McDuff

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## EDUCATION

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### University of Florida

*Bachelor of Science in Computer Science and Engineering*

Gainesville, FL

August 2021 – May 2025

- GPA 3.28/4
- SEC Academic Honor Roll (Fall 2022, Spring 2023) and Dean's List (Fall 2022, Spring 2024)
- Relevant Coursework: Intro and Enterprise Software Engineering, Operating Systems, and Data Structures and Algorithms

## EXPERIENCE

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### Software Engineer Intern

*Advantus Corp*

May 2023 – July 2023

Jacksonville, FL

- Managed the Advantus OS, ensuring seamless operation of proprietary systems and tools for flexible business integration and innovative product development.
- Conducted routine maintenance on custom-designed, scalable product development and compliance database platforms, supporting efficient regulatory execution.
- Assisted in cross-departmental review processes for proactive inventory and capital management, leveraging data-driven product line reviews and customer research.
- Supported the results-driven project management system, fostering transparency and accountability for a team of 130+ employees, while contributing to employee development and best practice training initiatives.

### Lifeguard

*Dupont Employees Recreation Club Incorporated*

Summers 2018/19

Parkersburg, WV

## PROJECTS

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### Allirater | *TypeScript, Go, HTML, CSS, Angular*

[github.com/AlliRater](https://github.com/AlliRater)

- Collaborated in a team of four to create AlliRater, a platform for UF students to rate and access meal ratings for university dining halls.
- Developed a REST API using Angular and Go, ensuring a seamless user experience and efficient data handling.
- Implemented Agile methodologies, including regular sprints, retrospectives, and task eliminations, to ensure continuous improvement and timely project completion.
- Successfully handled hundreds of unique ratings, providing reliable and up-to-date information for students to make informed dining decisions.

### Personal Website | *JavaScript, HTML, CSS*

[macguirevan.github.io](https://macguirevan.github.io)

- Developed a personal portfolio website using HTML, CSS, and JavaScript, showcasing projects and professional experience.
- Optimized the website for fast load times, achieving an A score on GTmetrix for exceptional web performance metrics.

## ATHLETICS

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### NCAA Swimmer

August 2021 – Present

- 5 Time NCAA Champion
- 12 Time NCAA All-American Swimmer
- Current NCAA Record Holder

### USA National Team Member

June 2023 – Present

- Olympic Trials Finalist
- Multiple-time National Finalist in Men's 100 Meter Freestyle

## SKILLS

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**Languages:** C++, Java, JavaScript, HTML/CSS

**Frameworks:** Angular, Node.js, React

**Developer Tools:** Linux, Git, Word, PowerPoint, Sheets, VS Code, Visual Studio, IntelliJ

**Leadership:** HOBY, iBELIEVE, and GatorsLead Teams