Macguire McDuff

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EDUCATION

University of Florida   Gainesville, FL
Bachelor of Science in Computer Science and Engineering   *August 2021 – May 2025*
- GPA 3.25/4
- 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

Software Engineer Intern   May 2023 – July 2023
Advantus Corp   *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   Summers 2018/19
Dupont Employees Recreation Club Incorporated   *Parkersburg, WV*

PROJECTS

Alirater | *TypeScript, Go, HTML, CSS, Angular*   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 managed 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
- 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

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

SKILLS

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