Ricardo Golac Barriga

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Education

University of Florida   **Gainesville, FL**
Major: B.S. Computer Science   *Aug 2017- May 2021 (expected)*
- **GPA:** 3.2/4.0
- **Relevant Courses:** Programming 1 (Java) & 2 (C++), Data Structures and Algorithms (C++), Computer Organization (ARM), Software Engineering (JavaScript), and Operating Systems (C)

Technical Skills

Languages: JavaScript, Java, C++, C, Python, Dart, ARM
Technologies: Node, React, Vue, Express, Angular, MongoDB, MySQL, Git, Mocha, Flutter

Work Experience

UF Department of Mathematics   **Gainesville, FL**
Calc 1 Teaching Assistant   *Jan 2018- May 2018*
- Collaborated with 7 other Teaching Assistants in supervising more than 250 students.
- Held discussion sections and graded work for over 30 students weekly.

Kontos Construction   **Tarpon Springs, FL**
Office Assistant   *May 2018 – Aug 2018*
- Worked as an office assistant to organize construction and roofing project paperwork
- Worked with over 30 clients and gathered testimonials for company website

Projects

Polinex: *Personal Project*   *Aug 2019 - Present*
- Created MERN web application that displays political news and trends in the US

Minesweeper: *Programming 2 Project*   *Nov 2018 - Dec 2018*
- Recreated Minesweeper game in C++ using SFML Library.

Leadership and Activities

UF Exoskeleton Design Team   **Gainesville, FL**
Co-Founder and Controls System Lead   *Dec 2018 - Present*
- Designed wiring and motor control system of lower leg exoskeleton
- Programmed exoskeleton controller in C++ using Arduinos

Gator Motorsports   **Gainesville, FL**
Business Team Member   *Aug 2017- Dec 2018*
- Developed a marketing campaign for UF FSAE and presented to a panel of auto industry executives
- Received 12th and 10th place out of 120+ teams internationally

Engineering Honor Society   **Tarpon Springs, FL**
Vice-President, Co-founder   *Sept 2016- May 2017*
- Co-founded the first engineering society at East Lake High School and attracted 70+ members