Braden Azis

azis.braden@gmail.com | 407-818-8605 | www.linkedin.com/in/bradenazis

Education

University of Florida (UF) - Gainesville, FL *April 2027*
Bachelor of Science in **Computer Engineering** GPA: 3.95/4.0

- **Relevant Coursework:** Calculus 3, Programming Fundamentals 2, Digital Logic, Discrete Structures, Computational Linear Algebra
- **Awards:** Dean's List Spring 2024

Skills

Programming Languages: C++, Python, VHDL
Hardware: Soldering
Embedded Systems and Design: PCB Design, CAD, Altium Designer, STM32, Quartus Prime

Work Experience

Island H2O Water Park (On-Job/In-Service Trainer) *May 2021 - January 2023*

- Taught and trained incoming lifeguards in First Aid, Lifeguard Skills, and park specific policies.
- Supervised Aquatics department and maintained general park operations.
- Maintained guest safety through surveying water and park structures.

Starbucks (Barista) *February 2023 - January 2024*

- Crafted complex beverage orders with precision, maintaining a stable queue of order tickets.
- Maintained sub-one-minute average drive through window at the fifth busiest location in the country.
- Demonstrated exceptional customer service by ensuring a positive experience for both regulars and tourists.

Projects

Sudoku *April 2023*

- Utilized pygame library to develop a fully functional Sudoku game.
- Collaborated remotely with classmates, utilizing GitHub.
- Structured as Object-Oriented Programming where classmates would write individual classes for others' use.

Minesweeper *November 2023*

- Utilized SFML to develop a fully functional Minesweeper game.
- Utilized sprites and textures to make a more appealing interface.
- Integrated quality of life features such as properly pausing timer, debug settings, etc.

GatORGanizer *March 2024 - Present*

- Utilized GPT3.5 Turbo to filter through UF club Instagrams to pull and isolate relevant meeting information.
- Meeting dates, times, locations, etc. auto populate onto the website's embedded calendar connected to a user's login.
- Streamlined, appealing landing page making it easy to discover UF's organizations, recommending based on user's interests.

Involvement

Solar Gators (Solar Powered Racing Car) *September 2023 - Present*

Steering Wheel Designer

- Currently tasked with handling CAN messages being sent and received from steering wheel button press events.
- Embedded Programming using C to update the steering wheel display from returned CAN messages.
- Designed steering wheel PCB and wire buttons using interrupt pins.

Generational Relief in Prosthetics (GRiP) *September 2023 - Present*

Assistive Device Designer

- Developing a solution for above-knee amputees facing inability for natural pedal motion.
- Collaboration with teammates through regular meetings on specific build aspects and part allocation.
- Utilize 3D printing and SolidWorks design for a cheap, eco-friendly tool for recipients.