BRIAN FARIAS

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EDUCATION

College of Engineering, University of Florida — 2021 - 2025

Bachelor of Computer Science — Expected 2025

SKILLS

Languages	C++, Java, JavaScript, CSS, HTML, Python, ARM Assembly, SQL
Skills	SFML, BIOS, Git, OOP, DOM, Microsoft AD, Netlify, emailJs, React, Django
Other Skills	Programming Fundamentals, Data Structures and Algorithms, Fluent in Portuguese

EXPERIENCE

IT Inventory / Helpdesk Technician — Jun - Jul 2019-22
RAS PLLC — *Boca Raton, FL*

- Tasked with managing wasp system to store company assets across multiple facilities
- Responsible for handling packaging and shipping of company hardware
- Targeted hardware issues and component replacement (SSD, Ram, CMOS battery, fans) and destruction (SSD)
- Virtually troubleshooted employee software and accounts on proprietary company firmware via ConnectWise
- Tasked with modifying badge and email access to new/terminated employees across designated areas
- Responsible for requesting, updating, and documenting third party finance account access for employees (Black-Knight LPS, ADR, NBS, TEMPO)
- Executed Bit-locker installation amongst dozens of local company desktops
- Installed and Setup Applications/OS (Windows, Spark, Firmware, Remote Access, Adobe Acrobat)

PROJECTS

- Minesweeper video-game: C++, SFML

  - Classic game Minesweeper with all the original features (scoreboard, randomized mine placement, revealing neighbors, cascading neighbors, and flagging tiles) with new features (debugging and preloaded board option)
- Image Processing: C++

  - Program that processes images with different blending modes (multiply, subtract, overlay, screen) by reading binary files, processed using Photoshop blending algorithms and wrote the result into a (TGA) binary file

- Ecommerce Website : HTML, CSS, Python, SQL

  - Ebay styled auctioning website with Django, user and product database. Developed unique Chatboxs, user custom wathlists, categorizing products, bidding feature, listed products (description, price, image)
- Schedule Chomper: C++, SFML, Python

  - Developed C++ interactive program to generate optimized college schedules based on user input, utilizing web scraping and topological sorting algorithms on a graph.

ACHIEVEMENTS

- Herbert Wertheim College of Engineering Dean's List — Fall 2021

- Cambridge AICE Diploma certificate with Merit