

# BRIAN FARIAS

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## EDUCATION

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College of Engineering, University of Florida

2021 - 2025

Bachelor of Computer Science

Expected 2025

## SKILLS

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**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

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IT Inventory / Helpdesk Technician

Jun - Jul 2019-22

RAS PLLC

*Boca Raton, FL*

- Tasked with managing wasp system to virtually 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

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- Saucer Roster: HTML, CSS, Python, JavaScript, SQL
  - A live website, accessible via my portfolio; with a variety of sauces within it's database and 20+ different filtering options, smart search and custom user data rating collection all implemented with UI/UX design
- Schedule Chomper: C++, SFML, Python
  - Interactive program to generate optimized college schedules based on user input, utilizing web scraping and topological sorting algorithms on a graph.
- 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

## ACHIEVEMENTS

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- Herbert Wertheim College of Engineering Dean's List Fall 2021/22
- Cambridge AICE Diploma certificate with Merit
- Harvard CS50 Web Dev Certification Summer 2023