

# 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

**Skills** SFML, BIOS, ConnectWise, Excel, Git, OOP, Clion, VS Code, Active Directory, ARM Assembly language, Familiar with Windows/macOS

**Soft Skills** Programming Fundamentals, Data Structures and Algorithms, Fluent in Portuguese

## EXPERIENCE

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**IT Inventory**

Jun 2019 - Jul 2019

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)

**IT Helpdesk Technician**

Jun - Jul 2020/21/22

RAS PLLC

*Boca Raton, FL*

- 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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- Minesweeper videogame: 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 boards options)
- 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
- Black Jack: Java
  - Black jack game with randomized dealer cards and score tracker
- Schedule Chomper: C++, SFML
  - Developed C++ interactive program to generate optimized college schedules based on user input, utilizing web scraping and topological sorting algorithms on a graph.

## ACHIEVEMENTS

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- Herbert Wertheim College of Engineering Dean's List
- Cambridge AICE Diploma certificate with Merit

Fall 2021