

# BRIAN FARIAS

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## EDUCATION

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**Bachelor of Computer Science**, University of Florida

2021 - 2025

**GPA:** 3.29 | **Upper Division GPA:** 3.61

**Concepts** Operating Systems, Agile methodology, Data Structures and Algorithms, OOP, DOM

## TECHNICALS

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**Languages** C++, C, Java, JavaScript, CSS, LESS, HTML5, Python, ARM Assembly, MATLAB, SQL

**Technologies** Docker, GIT, Networking, PostgreSQL, APIs, Netlify, Railway, SFML, emailJS

**Frameworks** React, ReactJS, Django, NodeJS, Strapi

## PROJECTS

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### **Saucer Roster: HTML, CSS, Python, JavaScript, SQL, Django, Railway**

Interactive website; Variety of sauces within it's database and 20+ different filtering options for spice and flavor, smart search and custom user data rating collection, reddit styled commenting with animations for likes, admin portal to add sauces, and more.

### **Schedule Chomper: C++, SFML, Python**

Interactive application to generate optimized college schedules based on user input, utilizing web scraping, topological sorting algorithms, and bin packing 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

## 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)

## ACHIEVEMENTS | INVOLVMENT

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The Agency | Fullstack Developer

October 2023 - Present

Herbert Wertheim College of Engineering Dean's List

Fall 2021/22

Harvard CS50 Web Dev Certification

Summer 2023

Scrum Master | CaSMM (Cloud-based programming interface — Teacher View)

Fall 2023