

# Logan Bjork

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## EDUCATION

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### University of Florida

*B.S. in Computer Science - GPA: 3.86/4.00*

Gainesville, FL

*July 2023 – May 2027*

## RELEVANT COURSEWORK

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- Programming Fundamentals I and II
- Analytic Geometry and Calculus I, II, and III
- Discrete Structures

## PROJECTS

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### TRIFECTA Discord Bot | *Python, discord.py, AWS*

Jun. 2024

- Used Discord's provided Python API to read, write, and log user-sent scores from a variety of New York Times minigames onto a leaderboard
- Utilized AWS as a back-end host, allowing TRIFECTA to run 24/7
- Hosted a GitHub repository for version control, managing tasks, and logging bugfixes

### Minesweeper | *C++, SFML*

Apr. 2024

- Created a standalone Minesweeper clone in C++ with a functional start screen, full game, leaderboard, and customization options
- Utilized the SFML C++ library as a front-end for the UI

### Image Processor | *C++*

Mar. 2024

- Implemented the ability to read, write, and alter binary image files
- Reproduced various blending modes and alterations found in photo editing software, such as overlay, flipping, and adding a values to a specific RGB color channel
- Designed a command-line-interface that allows for the user to input a multitude of images, blend modes, and modifications as arguments

## EXPERIENCE

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### Peggy Adams Animal Rescue

Jul. 2022 - Jan. 2023

*Admissions - Data Entry/Community Support, Volunteer*

*West Palm Beach, FL*

- Assisted with taking in new shelter animals upfront, setting up appointments by email and/or phone, and organizing consultations on a week-by-week basis in Excel
- Input physical and vaccination data of received animals into a private, proprietary database
- Routinely answered phone calls, responded to emails, and replied to voicemails regarding inquiries around relinquishing animals

## TECHNICAL SKILLS

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**Languages:** C++, Python, HTML/CSS, JavaScript, Java

**Frameworks:** React

**Developer Tools:** VS Code, Git, AWS

**Libraries:** discord.py, asyncio, SFML, PyGame, fstream