Logan Bjork

561-389-7345 | loganjaymesbjork@gmail.com | linkedin.com/in/loganbjork/ | github.com/loganjaymes | loganjaymes.vercel.app

Education

University of Florida Gainesville, FL

B.S. in Computer Science - GPA: 3.77/4.00 - Dean's List *July 2023 – December 2026*

Relevant Coursework: Operating Systems, Data Structures and Algorithms, Information and Database Systems, Computer Organization, Professional Communication for Engineers

Experience

Virtual CISE Peer Mentor Feb. 2024 - Present

Community Mentor and Manager *Gainesville, FL*

- Organized and managed a student-run community with **600 active members**
- Assisted students taking various CISE courses by providing online resources and conceptual explanations

Projects

EnviroPact | Repository | *React, Tailwind CSS, AntDesign, FramerMotion, FireBase/Store, JS, Figma* Oct. 2024

- A web app focused on community-driven environment cleanups for SASEHacks 2024
- Utilized the React and Tailwind CSS frameworks as well as the **AntDesign** and **FramerMotion** libraries to create an interactive, visually appealing, and user-friendly web app
- Planned, designed, and used **Figma** mockups with other group members to be used as an outline for the design of the web app

TRIFECTA Discord Bot | Repository | *Python, discord.py, AWS* Jun. 2024 - Aug. 2024

- A Discord bot designed to work as a leaderboard for a variety of New York Times minigames
- Used Discord's provided **Python** API to read, write, and log user-sent scores in realtime
- Utilized **AWS** as a hosting service to allow TRIFECTA to run 24/7
- Hosted a public **GitHub** repository for version control, managing tasks, and logging bugfixes

Six Degrees | Repository | *Svelte, Tailwind CSS, SkeletonUI, JS/TS, Rust* Nov. 2024 - Dec. 2024

- A web project based on the idea that everyone is '6 degrees' of separation away from one another
- Created and designed a simplistic web application using **Svelte**, **Tailwind**, and **SkeletonUI**
- Utilized a local database of movies and actors to obtain the degrees of separation between said movies and its actors
- Allowed users to choose and display the results of a BFS (of which shows the connections between movies and actors) and/or DFS (for debugging)

Filesystem Recreation | *C++, FUSE, Linux* Apr. 2025

- A recreation of a filesystem created in **C++** that allows for reading, deleting, and creating files and directories, as well as writing to empty files
- Utilizes the **FUSE** library for **Linux**, creating a daemon that allows the filesystem to be mounted and therefore used in the system itself
- Used object-oriented principles when creating a data structure representing the filesystem, such as virtual base classes and 'is-a' relations under the hood

Technical Skills

Languages: HTML/CSS, TypeScript/JavaScript, Python, C++, SQL, MATLAB, ARM/Assembly, Java
Frameworks: Next.JS, Svelte, Node.js
Tools and Methodologies: Linux (Arch, Ubuntu), VS Code, Git, Blender, Figma, AWS, MongoDB, Firestore, Agile development
Libraries: React, Tailwind CSS, FramerMotion, Shadcn, Skeleton, AntDesign, Three.js, discord.py, Catch2, asyncio, FUSE
Foreign Languages: Italian (B1)