Logan Bjork

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EDUCATION

University of Florida — Gainesville, FL
B.S. in Computer Science - GPA: 3.76/4.00 - Dean's List — *July 2023 – December 2026*
Relevant Coursework: AWS Cloud Practitioner Essentials, Operating Systems, Data Structures and Algorithms, Information and Database Systems

EXPERIENCE AND INVOLVEMENT

Remote CISE Peer Mentor — Feb. 2024 - Present
Mentor and Community Manager — *Gainesville, FL*
- Actively help organize and manage a student-run community with over **600 active members**
- Remotely assisted students taking various CISE courses at the University of Florida by providing online resources and both conceptual and visual explanations

Audio Engineering Society — Aug. 2025 - Present
Graphic Design Lead, Member — *Gainesville, FL*
- Illustrated and designed various club paraphernalia such as advertisements, posters, and shirts
- Active member through attendance of hardware meetings and involvement in the chapter's band

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 CSV dataset containing movies and actors to obtain the degrees of separation between each other
- 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++, C, SQL, MATLAB, ARM Assembly, Java
Libraries and Frameworks: Next.JS, Svelte, Node.js, React, Tailwind CSS, FramerMotion, Three.js, Shadcn, Bootstrap, SkeletonUI, AntDesign, discord.py, Catch2, asyncio, FUSE
Tools and Methodologies: Linux (Arch, Ubuntu), VS Code, AWS, Git, Vercel, Blender, Neovim, MongoDB, Firebase/Firestore, Figma, Agile development
Foreign Languages: Italian (B1)