

Logan Bjork

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EDUCATION

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

Remote CISE Peer Mentor <i>Mentor and Community Manager</i>	Feb. 2024 - Present <i>Gainesville, FL</i>
<ul style="list-style-type: none">Actively help organize and manage a student-run community with over 600 active membersRemotely assisted students taking various CISE courses at the University of Florida by providing resources, explanations, and visuals	

PROJECTS

EnviroPact Repository <i>React, Tailwind CSS, AntDesign, FramerMotion, FireBase/Store, JS, Figma</i>	Oct. 2024
<ul style="list-style-type: none">A web app focused on community-driven environment cleanups for SASEHacks 2024Utilized the React and Tailwind CSS frameworks as well as the AntDesign and FramerMotion libraries to create an interactive, visually appealing, and user-friendly web appPlanned, 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 <i>Python, discord.py, AWS</i>	Jun. 2024 - Aug. 2024
<ul style="list-style-type: none">A Discord bot designed to work as a leaderboard for a variety of New York Times minigamesUsed Discord's provided Python API to read, write, and log user-sent scores in realtimeUtilized AWS as a hosting service to allow TRIFECTA to run 24/7Hosted a public GitHub repository for version control, managing tasks, and logging bugfixes	
Six Degrees Repository <i>Svelte, Tailwind CSS, SkeletonUI, JS/TS, Rust</i>	Nov. 2024 - Dec. 2024
<ul style="list-style-type: none">A web project based on the idea that everyone is '6 degrees' of separation away from one anotherCreated and designed a simplistic web application using Svelte, Tailwind, and SkeletonUIUtilized a local database of movies and actors to obtain the degrees of separation between said movies and its actorsAllowed 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 <i>C++, FUSE, Linux</i>	Apr. 2025
<ul style="list-style-type: none">A recreation of a filesystem created in C++ that allows for reading, deleting, and creating files and directories, as well as writing to empty filesUtilizes the FUSE library for Linux, creating a daemon that allows the filesystem to be mounted and therefore used in the system itselfUsed 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, Vercel, 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)