Alexander Fisher

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EDUCATION

University of Florida   Gainesville, FL
Bachelor of Science in Computer Science   *Aug. 2022 – Exp. May 2026*
Grade Point Average 3.77

Coursework Discrete Structures, Linear Algebra, Datastructures and Algorithms, Computer Organization

EXPERIENCE

ACM - Workshop Lead   May 2024 – Present
*University of Florida Association for Computing Machinery | **ACM***
- Elected as the official ACM Co-Workshop Lead for the 2024-2025 academic year
- Planned and hosted educational workshops aimed at enhancing technical and professional skills among students in the computing field
- Designed interactive and engaging content to foster learning and innovation in software development and computer science

BNY Mellon - Sophomore Summit   July 2024
*The Bank of New York Mellon | **BNY***
- Selected for the 2024 BNY Engineering Sophomore Summit
- Participated in BNY's specialized Business Coding Challenge with direct feedback from senior developers
- Engaged in multiple workshops focused on enhancing professional networking skills and personal brand building

ACM - ACMake Design Team | *React, CSS, TailwindCSS, FramerMotion*
- Selected as a member of the UF-Association for Computer Machinery **ACMake** Design Team
- Spearheaded the optimization of the legacy UF ACM website by employing React's component-based architecture, enhancing site performance and maintainability
- Integrated FramerMotion and React TsParticles libraries to revolutionize the site's aesthetic, introducing a contemporary and interactive user experience
- Redesigned the website's frontend utilizing TailwindCSS, achieving a modern and user-friendly interface

PROJECTS

Barbell - Social Media Web Application | *Python, Django, MySQL, React*   June 2023 - Present
- Spearheaded the development of **Barbell**, a gym-focused social networking platform, creating dynamic user profiles and interactive features similar to Instagram and YouTube using Django
- Implemented a secure, scalable database with MySQL and integrated the frontend with Django using HTML, TailwindCSS, and React to create responsive user interfaces
- Used Git for collaborative development and configured cloud hosting on DigitalOcean with Gunicorn and Nginx
- Automated security features, including email verification, with Django's All-Auth and SendGrid's API

Code for Change Hackathon - Finance AI Chatbot | *OpenAI API, NodeJS, React, Tailwind CSS*
- Team Lead at the Code for Change 2024 **Hackathon**, successfully developed a finance-focused AI chatbot
- Engineered a responsive frontend web application with React and Tailwind CSS
- Utilized OpenAI's **ChatGPT-3.5 Turbo** text generation API model for dynamic, real-time financial advice

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, HTML, CSS, SQL

Frameworks: Django, React, TailwindCSS, Catch2

Developer Tools: Git, GitHub, VS Code, PyCharm, CLion