Felipe Siqueira

118 Beacon St
Boston, MA 02116
felipesssiqueira@gmail.com | Cel: (539)577-1568 | [LinkedIn](#)

Education

Fisher College – Boston, MA
Bachelor of Science in Information Technology, minor in Software Engineering
Expected Graduation: May 2026
Dean's list, Fall 2024 (GPA 3.9)

Relevant Coursework
Computer Concepts and Applications, Computer and System Programming 1 & 2, Operating Systems, Management of Application Information Systems, Systems and Networks, Introduction to Animation Development, Client-Side Web Programming,Server-Side Web Programming,Database Design and Management, Software Testing and Verification,System Analysis & Design, Project Management Introduction to Generative AI, Information Security and Privacy.

Skills

- **Programming Languages & Frameworks:** Python, SQL ,JavaScript, Node.js, RESTful API Development, PHP, C# .
- **Web Development:** HTML, CSS, JavaScript , PHP, AJAX (Asynchronous web applications), User Input Validation, Responsive UI Design, Linking dynamic pages.
- **Database Management:** MySQL, SQL Queries, MySQL Workbench, phpMyAdmin, Database Query Optimization.
- **Cybersecurity**: Secure Web Application Development, Threat Modeling, Secure Design Principles, Access Control.
- **AI & Automation:** AI Integration, GPT API, Chatbot Development, AI-powered Search Optimization, Prompt Engineering.
- **Software & Tools:** Git & GitHub, MySQL Workbench, cPanel for Web Hosting, Docker & Virtual Machines, Visual Basic for Applications (VBA).
- IT Support/ Help Desk:
    - **System Imaging & Hardware Management:** Endpoint central (image deployment), hardware provisioning, asset tracking
    - **Operating Systems & Troubleshooting:** Windows 10/11 installation & configuration; computer deployment and OS installation; patch management; diagnosing and resolving hardware, software, network, and Microsoft 365 issues
- **Other Technical Skills:***Network troubleshooting basics, Project Structuring for Live Deployment, User Interaction design, Proficient in Microsoft Office (including Excel, Word, & PowerPoint).*

Certifications & Courses

- **Programming with JavaScript**, certified by Meta (2025)
- **HTML and CSS in Depth**, certified by Meta (2025)
- **Databases and SQL for Data Science with Python**, certified by IBM (2024)
- **Introduction to HTML5**, certified by the University of Michigan (2024)
- **Google Crash Course on Python**, certified by Google (2023)

Languages

Portuguese: Native, English: Fluent , Spanish: Intermediate,

Projects

Esports-College-Finder *(January 2025-March 2025)-* *https://esportsfinderusa.com*
    Still working on the Ai chatbot and website responsiveness

- Built a full-stack web platform to help high school students discover U.S. colleges with esports (competitive gaming) programs.The platform provides detailed insights into scholarships, school types, locations, official websites, and esports offerings.

- **Built** a full-stack platform (HTML/CSS/JavaScript, PHP/Node.js, MySQL) enabling high-schoolers to discover and filter U.S. esports scholarship programs

- **Integrated** an OpenAI GPT chatbot for personalized, real-time Q&A and career guidance, improving user engagement

- **Deployed** and managed CI/CD workflows via GitHub & cPanel; optimized SQL queries

Podcast GenAI Solution (Mar–Apr 2025)
 GitHub Repo

- **Data Ingestion & Prep:** Scraped and cleaned 10 "This American Life" transcripts using Python, BeautifulSoup, Pandas, regex, and NLTK; engineered text-chunking functions to split long transcripts into LLM-friendly segments.

- **AI Summarization:** Designed prompt-based, two-stage summarization pipelines with Hugging Face DistilBART/BART; tuned chunk sizes and prompts to optimize summary clarity and processing speed.

- **Semantic Search & Deployment:** Generated transcript embeddings with Sentence Transformers, built a FAISS index for instant semantic lookup, containerized the pipeline in Docker, and implemented CI/CD workflows with unit testing.

Work Experience

Lee Company   Lebanon, TN
Maintenance Student Assistant   May 2024 - July 2024
- Inspected buildings for accuracy.
- Installed AC and heating.
- Provided maintenance of storage rooms.
- Changed AC filters.
- Set up event space.

Sodexo   Miami, OK
Food Service Attendant   August 2022 - March 2023
- Prepped and served food
- Maintained cleanliness of the dining area
- Provided waiter services at events and concessions