Javier Cardoso

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EDUCATION

The University of Texas at Arlington   Arlington, TX
Bachelor of Science in Software Engineering   *Jan. 2022 - Dec. 2024*

TECHNICAL SKILLS AND RELEVANT COURSES

Languages: Java, Python, C#, C/C++, JavaScript, TypeScript, GraphQL, SQL
Frameworks: Sprint Boot, .Net Core, React, NextJS, Angular, NodeJs, Flask, ExpressJS, React Native, Jest, Avalonia
Developer Tools: Azure, MongoDB, Cassandra Datastax, Git, GitHub, Jira, Agile, Waterfall, PostMan, Swagger, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, DBeaver
Relevant Coursework: Data Structure & Algorithms, Intro to Software Engineering, Object-Oriented Software Engineering, Software Testing & Maintenance, Database Systems, Operating Systems

WORK EXPERIENCE

JPMorgan Chase & Co.   **June 2024 - December 2024**
Software Engineer Intern   *Plano , TX*
- Implemented a **core component** that centralized and displayed critical internal application capabilities, increasing tool usage across developer teams by making internal tools more accessible to all **43,000** SWE in the firm.
- Developed a **proxy** endpoint to automatically gather and format internal application capabilities data, simplifying data access for **Chase Engineering & Architecture** teams, which enhanced data availability and usability.
- Improved test coverage of new code to above **90%** by applying **Test-Driven Development (TDD)** practices, leading to higher code reliability and reduced defects.

JPMorgan Chase & Co.   **June 2023 - August 2023**
Software Engineer Intern   *Plano , TX*
- Designed, developed, and deployed a **multi-tenant** internal tool used for backend developers to streamline the retrieval, review, and customization of settings and configurations for all Chase Travel clients.
- Reduced setting access and configuration time by **80%**, and decreased configuration error rates by **90%.**
- Strengthened application security through the implementation of **Azure Entra** Authentication.

PROJECTS

API Vault   ***Avalonia, .Net Core, Cassandra Datastax, ReactiveUI, MVVM***
- Developed a cross-platform desktop application that enables secure management and storage of API keys.
- Implemented modular system design combined with an **MVVM architecture** and **object-oriented software engineering principles** to ensure robust application structure, scalability, and maintenance.
- Strengthen security by implementing Two-Factor Authentication using Twilio API.

Diversifynance   ***React, Flask, MongoDB, Tailwind, Beautifulsoup4, OpenAI***
- Developed a full-stack app to help those with language barriers learn personal finance in their native languages.
- Implemented **web scraping** techniques to systematically gather, update, and maintain a wide array of current financial services information from some of the major financial institutions in the industry.
- Integrated a user-friendly chatbot that summarizes and translates the gathered financial information to answer user questions in any language.

Octagon Template   ***React Native, JavaScript, C, NFC Cards, Agile***
- Collaboration of 25 club members to design and implement a decentralized NFC application to help other UTA clubs facilitate and promote engagement and interaction.
- Contributed to the hardware team by developing an NDEF function to connect with NFC kiosks using C.

LEADERSHIP EXPERIENCE

Colorstack at UTA   **April 2024 - Present**
Co-founder & Secretary   *Arlington, TX*
Association for Computing Machinery (ACM)   **February 2023 - May 2024**
Project Manager & HackUTA Organizer   *Arlington, TX*