Miguel Tejeda

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EDUCATION
IP = in progress

		COURSEWORK
University of Florida - Bachelor's in Computer Science	Present – December 2023	Practicum AI (CNN, RNN, LSTM, Transformers)
AZ-900 – Microsoft Azure Fundamentals Certification	November 2023	Data Structures & Algorithms
Android University – CodePath	August 2021 – May 2022	Enterprise Software Engineering
MTA – Microsoft Technology Associate Certification	May 2019	Operating Systems (IP)
CCENT – Cisco Certified Entry Network Technician Certification	May 2019	Relational Databases

SKILLS

Programming Languages	C/C++, Java, Python
Web Development	JavaScript, React.js, Next.js, HTML/CSS, Express.js, Firebase, MongoDB, Node.js, SQL
Mobile App Development	Kotlin, Jetpack Compose, Espresso, Gradle, Dagger, Hilt, XML, React Native
Artificial Intelligence	NumPy, Pandas, Jupyter, PyTorch, Keras, TensorFlow, scikit-learn, LangChain, Llama2
Development Tools	Git, Azure, CircleCI, Postman, JIRA, Atlassian, Asana, Power Apps, Power Automate
Languages	English (Fluent), Spanish (Fluent), Portugues (Professional)

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER INTERN | May 2023 – July 2023

Publix Super Markets - Lakeland, FL
- Used Microsoft Power Platform to build applications used daily by enterprise customers across several departments.
- Developed automated process for updating database with over 30,000 entries to meet new company standards.
- Tested upcoming Publix language model implementation for Teams and attended GenAI Governance team meetings.

TRANSLATOR AND CARE COORDINATOR | August 2019 – December 2019

Transcom Solutions - Tampa, FL
- Provided translation for worker's compensation claim adjusters and scheduled transportation for patients.

LEADERSHIP & INVOLVEMENT
- **Tech Lead & Design Team Director: SHPE UF** – Actively leading a team of 10 developers in building SHPE UF Android mobile app. Responsible for code reviews, design and architecture, task assignment, project planning, and training.
- **Retrieval Augmentation Team: Gator AI Club** – Actively using RAG and LLMs to create chat UI for Documentation Websites.
- **Clubfinity Director: SEC** – Actively using MERN stack to contribute to web app that exposes students to new University clubs.
- **Technical Workshop Director: SHPE UF** – Designed and conducted workshops on topics in Computer Science.
- **NLP Team Member: Gator AI Club** – Contributed to building a web app that simplifies scientific jargon using NLP principles.
- **Competitor: SwampHacks 2022 & 2023**– Worked with teams during hackathons to build applications and Chrome extension.

PROJECTS
SHPE UF Android Mobile Application – Actively serving as Tech Lead to develop a SHPE UF mobile app using Kotlin, Jetpack Compose, MongoDB Realm, MVVM project architecture, Dagger, Hilt, and Agile development practices. Over 100 users can login, view announcements, sign up for events, and learn about SHPE's mission and opportunities.

Environmental Clean-up Application – Worked in a team to build a web application where eco-conscious users can connect and arrange environmental cleanups on highlighted locations. Developed using MERN Stack (MongoDB, Express, React, NodeJS), Agile, DevOps and CI/CD tools such as Jira, CircleCI, and SonarQube.

Video Game Tracker Application – Worked in a team to build web application where users can log in and rank their favorite games to get a list of recommended games using machine learning. Developed with PERN Stack, Python, Keras, and scikit-learn.

AI integrated saw (IP) – Currently building device that cuts line-marked tiles with a wet saw in an automated manner using an Arduino microcontroller and a PixyMon AI camera with line detection.