

ANGEL BADILLO HERNANDEZ

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EDUCATION

Midwestern State University

Master of Science, Computer Science

May 2024

GPA: 4

- Relevant coursework: Software Engineering, Mobile App Development, Computer Networking and Security, Parallel Programming, Computer Architecture
- Activities: Member of UPE Honor Society, Academic Merit Scholarship Recipient, Presented at North Texas Area Student Conference

Midwestern State University

Bachelor of Science, Computer Science

December 2023

GPA: 3.8

- Relevant coursework: Software Quality Assurance, Object-Oriented Programming, Operating Systems, Advanced Data Structures and Algorithms, GPU Programming
- Activities: Member of UPE Honor Society, Academic Merit Scholarship Recipient, Four-time Recipient of President's Honor Roll, Member of ACM, Presented at North Texas Area Student Conference

EXPERIENCE

Rapco Parts Company

Order Fulfillment / Web Developer

Bowie, TX, USA

December 2024 - Present

- Package and process orders on average 20 orders a day through Turbify and FedEx shipping manager
- Developed and migrated the company's e-commerce website to Wix, utilizing JavaScript, HTML, and Wix Velo API
- Developed and designed over 10 webpages on Wix, utilizing JavaScript and Wix Velo API

Midwestern State University

Student Support Services Tutor

Wichita Falls, TX, USA

August 2023 - May 2024

- Delivered instructional support and tutelage to students enrolled in STEM courses
- Participated in monthly tutor meetings led by program coordinator to discuss performance and program improvements
- Participated in organization-led events involving staff, tutors, and students

Midwestern State University

Student Assistant

Wichita Falls, TX, USA

January 2023 - May 2023

- Coached concepts such as abstraction, object-oriented programming, GPU programming and networking using C, C++, C#, and Python
- Assisted students with setting up and utilizing coding environments, such as Windows Subsystem for Linux and Visual Studio Code
- Aided students developing C++ and Python applications with debugging

PROJECTS

CLR VIA - Web Application

- ReactJS web application that allows the users to easily build their resumes, cover letters, curriculum vitae, or portfolio website with the help of Google Gemini AI
- Developed using ReactJS, NodeJS, Python, PostgreSQL, SQLAlchemy, Google Cloud APIs, Google Gemini API, and RESTful API built with FastAPI.

Scholarly App - Desktop Application

- Windows 11 application designed at the request of the MSU Computer Science Scholarship Committee, by a team of two
- Allows Committee members to filter through students eligible for scholarships and awards and send generated acceptance letters to eligible students via email
- Developed using Python, SQLite, Google Cloud APIs, and PyQt6 library.

E-Commerce App - Mobile Application

- Mobile application designed by a team of two to be an E-commerce platform
- Allows users to login and register, search through various categories of items, upload photos, and view other users on Google Maps
- Developed using JavaScript, React Native, Expo SDK, Material UI, Python, MongoDB, and RESTful API built with FastAPI.

SKILLS

Skills: C/C++, Python, JavaScript, TypeScript, Dart, C#, SQL, MongoDB, React Native, ReactJS, Java, HTML/CSS, NodeJS, Flutter, FastAPI, Digital Ocean, Docker, Linux/Unix, Git, GitHub, Agile, Microsoft Office, Google Cloud Platform, Firebase, CUDA, MATLAB, PyQt6, Software Quality Assurance, Android Studio, Google Gemini API, MPI, Parallel Programming, REST APIs, Visual Studio, Visual Studio Code

Languages: Spanish, English

CERTIFICATIONS

AWS Certified Developer - Associate | Amazon Web Services | Expected April 2025