

ANDREW DICKEY

Software Engineer

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EDUCATION

Master of Science – Computer Science

Texas A&M University Commerce

Commerce, TX May 2024

3.88 GPA

Bachelor of Business Administration – Business Analytics

Texas A&M University Commerce

Commerce, TX Dec 2020

3.66 GPA

Relevant Coursework: Data Structures, Algorithm Design, Networking 1 & 2, Operating Systems, Artificial Intelligence, Database Management, Data Mining, Data Modeling, Data Analysis and Visualization, Computer Architecture, & C/C++ Programming

PROJECTS

- **Cat/Dog Binary Classification Model** – Created a binary classification model that predicts whether a photo contains a cat or dog with 98% accuracy. This was created using Python and libraries such as tensorflow, numpy, keras, and others.
- **AI Trading Bot** – Created an AI trading bot through python that utilizes an LSTM algorithm to make stock predictions. Libraries include: yfinance API, numpy, pandas, tensorflow, and a few more.
- **Sudoku Game & Solver** – Created a Sudoku clone through C++ that generates a random board (easy, medium, or hard difficulty). The user can either play the game or instantly solve it.
- **Tic-Tac-Toe (Web Game)** – Created a Tic-Tac-Toe game using HTML, CSS, and JS. It could be 2-player or player vs. computer with difficulties ranging from easy to impossible.

TECHNICAL SKILLS

- **Languages:** Python, C/C++, SQL, JavaScript, C#, Swift, PHP, R, HTML, CSS, PowerShell, Bash, Java
- **Technologies:** Git/Github, Linux, Agile, MySQL, VSCode, Unix, ReactJS, RESTful Api, Spring, AWS

PROFESSIONAL EXPERIENCE

L3Harris Technologies

Production Planner – Electrical (Active Secret Clearance, SCIF)

Jan 2020 -

Present

- Streamlined revision control, accelerated work order release, allocated materials, and orchestrated work orders.
- Collaborated with operations to optimize production efficiency and enhance quality, while reducing my errors to under 1% (5% error is recommended).
- Developed Python scripts for recognizing wiring patterns, automating certain material requests, and visualizing differences in previous engineering drawings to their new ones. Increased job efficiency by approximately 10-15% for my role and a few others.
- Devised data strategies based on Wiring Diagrams, Bill of Materials, Engineering changes, and Production Requests.

Taco Bell

Assistant General Manager

June 2016 -

Nov 2018

- Developed employee schedules, procured store materials, generated weekly inventory reports, and ensured quality and efficiency consistently.
- Conducted candidate interviews and training sessions, successfully passed audit inspections, handled financial transactions, and oversaw weekly meetings.
- Aced every audit report, enhanced the average quality rating by 17%, improved the average speed rating by 25%, boosted positive surveys by 20%, and reduced waste consumption since becoming Assistant General Manager.