Andrew Dickey

Software Engineer

OBJECTIVE

Seeking a challenging role in a dynamic organization where my expertise in computer science and passion for learning can contribute to advancing cutting-edge technology.

PROJECTS

Sketch to Vector Neural Network Web App   08/2024

- Developed a web app that utilizes a neural network and deep learning libraries to convert sketches into vector images.
- Gained proficiency in multi-threading, GPU optimization, PyTorch libraries, UX design, neural network optimization, model evaluation, and virtual environments.

My Web Portfolio   08/2024

- Designed and developed a comprehensive website to showcase my programming skills and projects, along with information about me.
- Used HTML, CSS, JavaScript, Django, Flask, and other technologies.

Cat/Dog Binary Classification Model   07/2024

- Created a CNN Binary Classification model that predicts whether an image contains a cat or dog with 98% accuracy.
- Learned how to operate with large datasets, how to utilize TensorFlow and Keras libraries, and how to optimize a Neural Network.

LSTM Stock Market Trading Bot   04/2024

- Designed an LSTM algorithm as part of a small team to pinpoint top qualities for stock market prediction. Built a trading bot to assess the accuracy of these predictions.
- Learned Python APIs, Data Manipulation & Visualization, Teamwork, Revision Control, Documentation, database management, and more.

RELEVANT EXPERIENCE

L3Harris Technologies
Production Planner   01/2020 – Present

- Active Secret Clearance and working in a SCIF.
- Developed Python scripts for automating certain material requests, accelerating BOM creations, 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.
- 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%.

CONTACT

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EDUCATION

MS – Computer Science
Texas A&M University - Commerce
3.88 GPA — 05/2024

BBA – Business Analytics
Texas A&M University - Commerce
3.66 GPA — 12/2020

SKILLS

Specializations:
- Python Developer
- AI Engineer
- Full Stack Developer
- Software Engineer
- Data Engineer

Programming Languages:
- Python
- HTML/CSS/JS
- SQL
- C/C++/C#
- TypeScript
- Java

Libraries & Frameworks
- Django/Flask
- React/Angular
- TensorFlow/PyTorch
- Pandas/NumPy

Other Technologies
- Git/Github
- AWS / Azure
- Linux/Unix
- Agile

INTERESTS

Rock Climbing, Swimming, Golfing, playing Chess, Working out, Programming personal projects, Learning new skills, and Hanging out with friends.