Dalton Corriher

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EDUCATION

University of North Carolina at Charlotte — Charlotte, NC
Master of Science in Computer Science — *Jan. 2025 – May 2027*

University of North Carolina at Charlotte — Charlotte, NC
Bachelor of Science in Computer Science, Minor in Mathematics — *Aug. 2022 – Dec. 2025*

STUDENT INVOLVEMENT

Association for Computing Machinery (ACM) — Spring 2023 – Present
University of North Carolina at Charlotte — *Charlotte, NC*

- Participate in coding competitions, technical workshops, and networking events.
- Collaborate with peers on projects involving algorithms, data structures, and software development.

Charlotte AI Research — Spring 2023 – Present
University of North Carolina at Charlotte — *Charlotte, NC*

- Engage in discussions on cutting-edge AI research topics, methodologies, and ethics.
- Contribute to projects exploring machine learning models and AI applications.

PROJECTS

Card Image Classifier | *Python, TensorFlow, Keras, Jupyter Notebook* — November 2024 – December 2024

- Used Python to create a binary image classification convolutional neural network.
- Used to classify images of Pokemon and Magic the Gathering cards.
- Used BeautifulSoup to gather the data.
- Used TensorFlow and Keras to create the model.

Stock Predictor | *Python, TensorFlow, Keras, scikit-learn* — September 2024 – October 2024

- Used Python to create a stock prediction Long short-term memory(LSTM) model.
- Used the Yahoo! Finance Python API to gather stock data.
- Used scikit-learn to preprocess and split the data into training and testing sets.
- Used TensorFlow and Keras to create the model.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, C#, JavaScript, HTML/CSS, R
Frameworks: Django, Bootstrap, React, Node.js, Flask, Material-UI, FastAPI
Developer Tools: Git, VS Code, Jupyter Notebook Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: NumPy, pandas, Matplotlib, scikit-learn, TensorFlow, Keras, Requests, BeautifulSoup
Other: Agile Methodologies, Scrum