

Connor Cole

Atlanta, GA - (678) 899 1795 - connorcolecc@gmail.com

Website: connorcole.com - GitHub: github.com/connorc99

Education

Georgia Institute of Technology, Atlanta, GA

May 2022

- ❖ Bachelor of Science in Computer Science, threads of Info/Networks & Media
- ❖ GPA 3.68/4.0 (Major GPA 3.83/4.0)

Experience

Python Development & Data Analytics Internship at Nolan Transportation Group

January 2020 – June 2021

- ❖ Started and led research/ development of now \$20,000,000 revenue/ \$2M+ profit autonomous pricing/ bidding system for freight
 - Python used for data scraping, bid submissions, and pricing system/ algorithms
 - SQL used for scraped data storage, data quality control, and specific customer pricing strategies
- ❖ Developed algorithm used by API for companies first real-time autonomous pricing system

Quantitative Research/ Data Science Internship at Neuravest Research

January 2022 – April 2022

- ❖ Developed stock trading strategy for client based on quantitative measurements
 - Validation of provided data/ initial exploration of metrics in iPython, formal back tests developed for analysis of strategy
- ❖ Delivered strategy results in presentation to client, including discussion of technical signals involved

Projects

Distributed Systems Web Crawler (Python)

January 2022 – May 2022

- ❖ Researched and developed architecture for distributed systems web crawling system
- ❖ Performance validated by analyzing periodic metrics generated by system

ImagineED EdTech Web Platform (JavaScript, React, Node)

January 2021 – December 2021

- ❖ Developed web-based platform in junior design group for schools to explore different educational technologies
- ❖ Primarily worked on backend using Node.js and PostgreSQL, as well as some front end using React
- ❖ Implemented dynamic multi-factor product recommendation algorithm

COVID X-Ray Convolutional Neural Network (Python)

September 2020 – December 2020

- ❖ Team leader in project to develop unsupervised, supervised models to classify x-rays as COVID positive
- ❖ Achieved highest accuracy rate of 82% in supervised CNN model

Leadership

Leadership Development Committee/ Chair for Student Government

August 2019 – May 2020

- ❖ Planned and organized events to aid in discussion of leadership roles/ involvement in campus organizations
- ❖ Presented on multiple topics to Student Government, including inclusive leadership and diversity in campus clubs

Skills and Interests

Programming: Python, SQL, Java, C, JavaScript, HTML, CSS, Excel, Swift, Kotlin, SQL, C#, Typescript

Data Science: Pandas, Numpy, iPython, Selenium, SQL, MySQL, Excel

Web/ Mobile App: React, Node, Jquery, Swift, Kotlin, Azure, SQL, Selenium, basic AWS

Software/ Other: Xcode, Android Studio, VSCode, Git, basic Ubuntu, Unity

Topics: Distributed systems, UP principles, Agile principles, Machine Learning, AI

Hobbies: Pi Kappa Alpha (various chairs), Club Tennis, fitness, wakesurfing, skiing

Programming: Python, SQL, Java, C, JavaScript, HTML, CSS, Excel, Swift, Kotlin, SQL, C#, Typescript