Cole Garvey

Computer/Data Science

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LinkedIn

EDUCATION

University of Colorado Boulder

South Hunterdon Regional High School

SKILLS

Tools and Software:

- Visual Studio Code
- Jupyter/Colab
- Git/GitHub
- Power BI
- Tableau
- Postman
- Figma

Languages:

- JavaScript
- Python
- C++
- SQL

Other:

- MySQL
- MongoDB
- Altair

RELEVANT COURSES

- Artificial Intelligence
- Applied Machine Learning
- Design and Analysis of Data Systems
- Cybersecurity
- Information Visualization

WORK EXPERIENCE

Equitable

Information Technology Intern

- Worked with several branches of the Cyber Security team such as SOC Analysts, Incident Response, Cyber Threat Intelligence, and Vulnerability management teams.
- Gained valuable insight into security procedures in addition to SIEM and SOAR tools used to assess and respond to threat actors.
- Analyzed and reviewed 3rd party software, assessing measures of risk, compliance, compatibility, and scalability.
- Aided in the creation of a GenAI software review agent for security assessments.

Walkers Wine and Spirits

Sales Associate

- Worked as a cashier, restocking product, taking customer phone calls, online orders, and accounted for product deliveries and pricing.

EXPERIENCE

Artificial Intelligence

Machine Learning

- Utilized regression and classification models within the scikit-learn python library for data prediction with minimized error.
- Preprocessed data using exploratory data analysis techniques to clean training data. Including: feature correlation, scaling, one hot encoding, and principal component analysis.
- Implemented a random forest classifier with scikit-learn breast cancer dataset to learn the importance of selected features and estimators.

Deep Learning

- Utilized the TensorFlow python library to create and understand the layer structure and activation functions of neural networks.
- Implemented a convolutional neural network fit with pooling layers to classify images of numbers 0-9.
- Implemented a sequential neural network utilizing dense and dropout layers to classify numbers 0-9 using the unwrapped pixel values.