

QUINN COLEMAN

quinnclmn15@gmail.com | (303) 775-5580 | github.com/QColeman97 | linkedin.com/in/quinn-coleman

I am a detail-oriented problem solver with a passion for learning. I'm looking to apply my skills in creativity, collaboration, attentiveness and analytical skill set in software and data to provide people with innovative technology solutions.

EDUCATION

MS in Computer Science | BS in Computer Science (GPA: 3.8/4.0)

San Luis Obispo, CA

California Polytechnic State University (Cal Poly)

09/2015 - 03/2021

Relevant Coursework Data Science, Knowledge Discovery from Data, Technical Writing, Databases, Artificial Intelligence, Software Engineering, Algorithms, Data Structures, Intro to Entrepreneurship, Public Speaking

Master's Thesis Machine Learning Approaches to Historic Music Restoration

PROFESSIONAL EXPERIENCE

Growing Gardens

Boulder, CO

Marketing & Development Intern

09/2024 - 12/2024

- Analyzed and visualized silent auction event data using Python to improve decision-making for future events
- Spearheaded automation of CRM updates using Python in an independent manner, reducing time spent by 92%
- Collaborated cross-functionally and leveraged creativity to design social media and email marketing content

NetApp

Boulder, CO

MTS Software Engineer 2

11/2021 - 01/2023

- Developed automated test suites and framework in Python and triaged test failures in agile environment
- Automated installation and removal of products and environments for testing with Kubernetes and Docker
- Prototyped a Jenkins job using web scraping and source control to automate task management in Jira
- Authored defect reporting documentation to improve cross-team communication and debugging processes

PROJECT EXPERIENCE

California Polytechnic State University (Cal Poly)

San Luis Obispo, CA

Machine Learning Approaches to Historic Music Restoration

09/2019 - 03/2021

- Developed, tested and compared machine learning techniques to restore a historic piano recording with Python
- Processed large data sets via a data pipeline involving training data retrieval, cleaning, and transformation
- Presented findings using data visualizations to communicate insights to technical and non-technical audiences

Helping Musicians Inc. Entrepreneurial Venture

09/2020 - 12/2020

- Conducted market research by interviewing 25 potential early adopters to create and refine the value proposition
- Analyzed survey data and online engagement to iterate on business model and develop targeted marketing strategies

NMF Implementation and Experimentation

03/2020 - 06/2020

- Led team of 3 in understanding and implementing Non-Negative Matrix Factorization (NMF) for data analysis
- Applied our NMF algorithm to real-world data, creating actionable insights from complex and messy datasets

LEADERSHIP & OTHER WORK EXPERIENCE

Field Hand Rough & Ready Farm, Longmont, CO

05/2024 - 09/2024

- Worked in a physically demanding environment, demonstrating resilience and fast-paced teamwork

Teaching Assistant *Cal Poly, San Luis Obispo, CA*

03/2021 - 06/2021

- Administered oral exams and assisted grading for 30 students, applying statistical knowledge

SKILLS

- **Data Analysis & Visualization:** Python (Pandas, NumPy), Java, JavaScript, SQL, NoSQL, Excel, Power BI, HTML, CSS
- **Big Data & Machine Learning:** Web Scraping, Spark, Hadoop, Jupyter Notebooks, TensorFlow, Scikit-learn
- **Cloud & DevOps:** Microsoft Azure, Docker, Kubernetes, Bash, Linux
- **Marketing & Strategy:** CRM, Social Media Campaigns, Email Marketing, Consumer Insights, Market Research
- **Collaboration & Project Management:** Agile, Jira, Confluence, Asana, Git, Perforce, GitHub