

QUINN COLEMAN

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I am a hardworking problem-solver with a passion for learning. I'm looking to apply my skills in marketing, data analysis, customer insights and computer programming to connect to customers in an innovative company.

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 yearly silent auction event data to optimize future fundraising using Python and Pandas
- Spearheaded automation efforts for CRM updates using Python and Pandas, reducing manual work by 92%
- Created engaging social media and email content through cross-functional collaboration to enhance outreach

NetApp

Boulder, CO

MTS Software Engineer 2

11/2021 - 01/2023

- Developed automated tests in Python and triaged test failures to support development of business-critical products
- Automated installation and removal of products and environments for testing with Kubernetes and Docker
- Authored defect reporting documentation, shared across the organization to enhance communication efficiency

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, applying statistical and data-driven methods to evaluate and iterate on restoration techniques
- Processed large data sets via a data pipeline involving training data retrieval, synthesis and augmentation
- Presented findings to a committee, effectively communicating complex technical concepts to non-technical audience

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

- Instructed team of 3 on a machine learning algorithm by building and validating results against pre-built NMF
- 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

- Coordinated with a hardworking team involving direct communication and physical endurance

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:** Python (Pandas, NumPy), SQL, Jupyter Notebooks, Excel, Data Visualization
- **Marketing & Strategy:** Social Media Campaigns, Email Marketing, Consumer Insights, Market Research
- **Technical Tools:** Machine Learning (TensorFlow, Scikit-learn), Web Scraping, Spark, Hadoop, MongoDB
- **Project Management:** Agile, Jira, Confluence, Docker, Kubernetes, Git, GitHub, Microsoft Azure
- **Software:** Microsoft Office (Excel, Word, PowerPoint), Adobe Suite (Illustrator, Photoshop, InDesign)