

# 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 creativity, data analysis, people attentiveness 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 and visualized silent auction event data using Python to improve decision-making for future events
- Spearheaded automation efforts for CRM updates using Python and Pandas, reducing manual work by 92%
- Collaborated cross-functionally to design and execute social media and email marketing content and strategies

*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 non-technical audience using clear data visualization techniques to communicate insights

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