Patrick Mancuso

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EXECUTIVE SUMMARY
Analytical and detail-oriented student pursuing a B.S. in Information Science at CU Boulder. Experienced in building data dashboards, analyzing customer behavior, and delivering actionable insights using Python, Tableau, and SQL. Passionate about turning data into decisions and building tools that make information accessible.

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EDUCATION
Bachelor of Science in Information Science
University of Colorado Boulder
Relevant Coursework: Data Analysis, Information Visualization, Web Development, Statistical Engineering, AI Bias

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DATA PROJECTS
Customer Insights Dashboard
CU Boulder – Information Visualization Lab
- Built an interactive dashboard with Python and Tableau, analyzing 5,000+ customer-made reviews
- Enabled stakeholders to identify service pain points through clear, visual storytelling

Data-Based Website Development - Independant
- Developed a web platform for cataloging physical music collections, supporting 100+ users
- Integrated Last.FM API to deliver personalized recommendations and detailed analytics for CDs, vinyl, cassettes, and more

Spotify Algorithmic Bias - Independant
- Pulled data from the Spotify API to examine potential algorithmic bias in song recommendations across genres and artists
- Used Python and Pandas to analyze over 10,000 tracks, revealing measurable disparities in exposure between mainstream and niche artists

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WORK EXPERIENCE
Head of Music Production and Assistant Game Developer
Considera Games - Considera Core
- Managed audio production and music integration into various video game projects with Ableton and Audacity
- Headed the visual effects department and overlooked game design tests. Utilized Unity Game Engine

Marketing Management and Web Progression
Solaroid Studios - S.Studio
- Assisted in merging mobile app into a fully fledged web application format. Employed HTML, CSS, JS, and SQL
- Expanded Marketing through social media management and online cultivation in advertisement designs.

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SKILLS
Technical: Python, SQL, Tableau, Excel, HTML/CSS, GitHub, Pandas, NumPy, Google Sheets
Analytical: Data Cleaning, EDA, Data Visualization, Forecasting, Statistical Analysis

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COMMUNITY INVOLVEMENT
Volunteer | CU Boulder Radio 1190 DJ
Volunteer | CU Boulder Community Tech Nights
Volunteer | Ronald McDonald House Denver