

Christian Valentino

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Data analyst with experience in IT infrastructure and full-stack development, leveraging technical expertise and project leadership to translate complex data into actionable solutions.

Education

Bachelor of Science, Information Science | University of Colorado Boulder

Minor: Philosophy

Relevant Courses:

Programming for Information Science (1-2), User-Centered Design, Quantitative Reasoning, Data and Information Retrieval Systems, Applied Machine Learning, Computational Reasoning, Ethics and Information Technology, Fundamental Concepts in Data Science, AI Ethics, Information Science Senior Capstone.

Technical Skills and Professional Abilities

Professional Attributes: Effective communication skills, meticulous attention to detail, adaptable to various scenarios, strong critical thinking and analytical skills, collaborative team player with dynamic leadership skills.

Programming Languages: Python (Seaborn, Pandas, Beautiful Soup, Numpy, Sklearn, Altair, Matplotlib, MediaPipe), CSS, HTML, SQL.

Tools and Software: GitHub, VSCode, BigQuery, Solr, Lucene, Neo4j, Tableau, Figma, R, Active Directory, PowerBI, AWS.

Projects

Computer Vision and Exercise | MuscleMemory Fitness App

- Led full-stack development of an AI-driven gym form correction app, **designing** and **implementing** both **front-end** and **back-end** architecture.
- Directed the project's **technical strategy**, resulting in a **deployed application** that demonstrated **practical AI integration** and showcased measurable improvements in workout form feedback.

Federal Reserve Data Analysis | Tackling Economic Misinformation

- Produced a **data pipeline** and **visualization suite** that uncovered patterns in **economic datasets** to highlight misconceptions about the American economy.
- Implemented **interactive dashboards** with **statistical analysis** to expose misconceptions and improve interpretation of **economic data**.

Deceptive and Descriptive Data Design Project | Data Analytics and Design Ethics

- **Constructed visualizations** using Python and **visualization libraries** to provide **key insights** into **large amounts of census data**.
 - **Authored a blog post** detailing the **design methodology** and key insights of a **data visualization project**, showcasing **analytical findings** and **visualization techniques**.
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Experience

Grocery Pick-Up Specialist

January 2023 - Present

King Soopers | Boulder, CO

- Utilized industry computer systems to **process and coordinated 120+ orders a week**.
- Spearheaded new employee **onboarding and training**, rapidly training team members to **achieve high productivity** and consistently **meet vital performance metrics**.
- Greatly contributed to achievement of **top-ranking Pick-Up Department in District (2024)**.

IT Student Technician

December 2021 - June 2022

Arapahoe Community College | Littleton, CO

- Personally **formatted and deployed 30+ computers**, ensuring **industry-standard setup** to enhance the Arapahoe Community College Art and Design department's functionality.
- **Oversaw a team** of five students to **troubleshoot and minimize user issues** and **ensure an organization-wide software migration**.
- **Managed and resolved support tickets** for a diverse group of **20+ users weekly**, delivering **effective solutions** to a wide range of technical challenges and **maintaining user experiences**.