

# 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.

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## 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.

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## 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.

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## 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 coordinate 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**.