

# Matthew Van Winkle

## Computer Science Undergraduate

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### Matthew Van Winkle

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Boulder, CO 80302

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### Skills

- Proficiency in Python, C++, and SQL.
- Relevant Coursework:
  - Design and Analysis of Database Systems (A-)
  - Intro to A.I. (A)
  - Data Mining (A)
  - Data Science Stats and Visualization(A-)
  - Data Structures(A-)
  - Bio Networking (A-)
- Specialized in data pipelines, statistical analysis, and data visualization.

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### Experience

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#### C.U. Boulder / Course Assistant -CSCI 3352 Design and Analysis of Database Systems

January 2024 - PRESENT, Boulder, Colorado

Assisted course instructor with teaching students the material as well as hosting weekly office hours for individualized instruction of students.

#### Allen Allen Allen, and Allen / Data Migration

May 2020 - August 2020, Richmond, Virginia

Throughout the course of a summer position Matthew assisted with migrating this law firm's case management system from an archaic software system to Litify, a modern system built on salesforce.

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### Education

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#### C.U. Boulder / Computer Science B.A. with a minor and focus in Data Science

August 2020 - May 2025, Boulder, CO

- 3.46 Technical GPA

#### Collegiate School / High School Diploma

August 2008 - May 2020, Richmond, VA

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### Awards, Qualifications, and Projects

- OCI Cloud Foundations (1Z0-1085-24) - 2024
- Outstanding Philanthropy Chair, Delta Sigma Phi - 2022
- Expanded Network Link prediction research using layered topographical network heuristics from time series social network data to time series biological datasets.
- Excellence in Engineering, FIRST Robotics - 2020

