

Rey Stone

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SKILLS

- **Languages:** Python (Pandas, Numpy, scikit, Matplotlib), Java, Javascript, SQL, HTML/CSS
- **Tools:** Vim, IntelliJ, DataGrip, Docker, Git/Github, Docker, Jupyterlab, Latex

EXPERIENCE

- **Zonit Structured Solutions** May 2024 — Dec 2024
Quality Assurance Engineer
 - Conducted quality assurance testing on power distribution and management systems, ensuring compliance with professional-grade standards.
 - Tested power management solutions focused on power distribution, power redundancy, and power path security across multiple product lines.
 - Collaborated with repair mechanics to identify and document unit defects and performance issues.
 - Adapted testing protocols to accommodate evolving project requirements and timelines.

PROJECTS

- **Predicting Covid-19 Risk** Sep 2025 — Dec 2025
Python, scikit-learn
 - Developed predictive models to research individual feature effects on risk of death and ICU admittance for patients diagnosed with covid-19.
 - Implemented random forests and logistic regression models to predict Covid-19 outcomes of death and admittance to the ICU, identifying key risk factors for both.
- **Othello** Nov 2025 — Dec 2025
Java
 - Implemented a responsive user interface using Java Swing framework, displaying the game visually, and handling user interaction through event listeners and observers.
 - Created a comprehensive JUnit test suite to validate game logic and method coverage, ensuring code reliability through unit tests covering basic functionality, edge cases, and game rules.
- **Pocket Mechanics, Auto Part Finder** Mar 2025 — May 2025
HTML, CSS, Javascript, Handlebars, Docker, PostgreSQL
 - Implemented a PostgreSQL database with vehicles and parts scraped from RockAuto's API.
 - Designed a secure user authentication system that allows users to log in, save parts, vehicles, and buy items.
 - Integrated Google Maps API to provide real-time location-based search for nearby retailers.
- **Glacial Recession** Sep 2024 — Dec 2024
Webflow, HTML, CSS
 - Designed and built the website while ensuring high-quality visuals and accurate up-to-date information.
 - Collaborated with team members to help research and collect information to raise awareness for glacial recession.

EDUCATION

- **University of Colorado, Boulder** Aug 2023 — Dec 2025
B.A. Computer Science, Philosophy minor
Relevant Coursework:
 - CSCI 4622: Machine Learning – CSCI 4448: Object Oriented Design & Analysis
 - CSCI 3022: Data Science – CSCI 3202: Artificial Intelligence
 - CSCI 3403: Cybersecurity – CSCI 3207: Database Systems