

Aaron Grissom

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Education

University of Colorado Boulder

Graduation: **May 2025**

Bachelor of Science in Computer Science

Course Work: Machine Learning, Intro to AI, Introduction to Robotics, Algorithms, Data Structures, Object-Oriented Analysis/Design, Database Systems, Intro to Data Sci w/ Probability and Statistics

Technical Skills

Languages: C++, Python, SQL, Java, Bash, JavaScript, HTML, CSS, MongoDB, JSON

Frameworks & Tools: Git/GitHub, Node.js, Next.js, Docker, React, Heroku

Concepts: Agile/Scrum, Waterfall, TDD, OOD/OOP, Rest API

Libraries: Scikit-Learn, Pandas, NumPy, PyTorch, Qt, Matplotlib

Projects

Image Identification using CNN

August 2025 – May 2025

University of Colorado Boulder

Group Class Project - CSCI 4622

- Created a CNN using sci-kit learn to identify white blood cells
- Trained model using images of white blood cells from Kaggle
- Worked with a team of 3 students to finish the project in a semester

Autonomous Threat Detection, Tracking & Interception

August 2023 – May 2024

Sponsored by Northrop Grumman

Class Project - Group

- Created an AI to detect, predict, and intercept a payload |
- Developed a Unity-based urban simulation supporting 10+ dynamic moving vehicles
- Monitored road network with cameras and determined pathing via A* Algorithm
- Collaborated with a team of 10 (4 engineers and 6 students) following Agile methodologies
- Managed 200+ Git commits with zero critical merge conflicts to streamline parallel development.

Mass LFG

August – December 2021

Software Dev Methods and Tools – CSCI 3308

Boulder County, CO

- Designed and deployed a full-stack web app to pair users based on shared steam games
- Stored simulated user information on Heroku and accessed via Next.js
- Developed front end interface using react

Work Experience

Delivery Driver

Aug 2021 – Present

DoorDash

Boulder County, CO

- Delivered 1-3 food orders per trip emphasizing accuracy and quality
- Managed time between deliveries, school, and other responsibilities
- Tracked and reported detailed mileage logs to ensure accurate expense and tax records

Shift Manager

July 2022 – June 2025

Snarf's Sandwiches

Longmont, CO

- Reduced labor costs by 30% by streamlining daily operations and boosting efficiency
- Trained and onboarded new employees, ensuring consistent adherence to company standards.
- Maintained performance in fast-paced conditions by multitasking and supporting team operations

Overnight Mod Team Associate

Aug 2019 – Aug 2021

Walmart

Lafayette, CO

- Maintained inventory accuracy by binning, picking, and processing freight
- Set up merchandise displays following planogram guidelines, ensuring product rotation
- Down-stacked 8 pallets in 4 hours and replenished shelves to support overnight stocking.