

# Ethan Eye

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## EDUCATION

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### Colorado State University

Expected: 5/27

Bachelor of Science in Computer Science

- Relevant Coursework: Software Engineering (Java), Systems Security (Python), Data Structures and Algorithms (Java), Machine Learning (Python), Software Development (Java), Interpersonal Communication, Calculus 1, Linear Algebra (MATLAB), Discrete Structures, Computer Architecture (X86 Assembly).

## EXPERIENCE

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### Precision Security

07/24-Present

Security Guard

Fort Collins, CO

- Responsible for asset protection, property surveillance, access control, incident response, enforcing client safety policies, effective communication, and deescalating conflict.

### Advance Auto Parts

08/21 – 09/23

Retail Parts Professional

Fort Collins, CO

- Provided excellent customer service, processed cash and credit card sales, answered phone calls, gained parts and automotive knowledge, completed cycle counts, restocked inventory, installed batteries and wiper blades, trained new employees, and performed opening and closing duties.

### Super Vacuum Manufacturing Co

09/20 – 02/21

Welder & Fabricator

Fort Collins, CO

- Built, assembled, and welded high end ventilation systems for firefighters and the military. Mostly MIG, oxy acetylene, and some TIG welding processes.

## PROJECTS

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### Weather App

Technologies: Java, Swing, Restful API

- Built a weather app using restful API. Uses Open Meteo for weather data, includes pictures, temperature, forecast, humidity, and windspeeds. Uses java swing for the graphical user interface. Has a search bar to display the weather of a desired location.

### Unity Simulator

Technologies: Unity, JSON, C#

- Two-dimensional life simulator. JSON files for custom animals and food. Inspired by a previously taken biology class. Features user interface settings, full animal behavior, movement, and characteristics.

### X86 Assembly Console Game

Technologies: MASM, Assembly language, Concurrency

- Project made for final in Computer Architecture class that runs in console. Includes Unicode characters, coordinate based movement system, collision detection, objective movement, and timer system.

## AWARD

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Lockheed Martin Vocational Scholarship Recipient, 2024 – 2025

## KEY SKILLS

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**Programming Languages:** Python, Java, C#, HTML, CSS, JavaScript, Lua

**Frameworks and Tools:** JUnit, Maven, Gradle, Visual Studio, MATLAB, Docker, GitHub Actions, Git, GitHub

**Concepts:** Restful APIs, Machine Learning, Agile Development, Test Driven Development, Clean Code, Design Patterns, Concurrency, Version Control.