

# Eli Headley

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## OBJECTIVE

I am seeking an internship for summer 2024 in the field of Computer Science and Software Engineering, specifically to gain experience working in the Tech Industry.

## EDUCATION

Kennesaw State University, Marietta, GA

December 2024

**Bachelor of Science in Computer Science**

**GPA: 4.0**

**Relevant Coursework:**

**HTML & CSS, Introduction to Computing Principles, Programming Solving I/II, Data Structures, Linear Algebra I, Computer Organization & Architecture**

## RELEVANT SKILLS

**Languages:** HTML, CSS, Python, Java, MATLAB

**Concepts:** Computing Principals, Problem Solving, Data Structures, Algorithms, Computer Architecture

**Software:** MS Office, MS Excel, Visual Studio Code, IntelliJ IDE, Eclipse, PyCharm

**Platforms:** Windows, GitHub

## WORK EXPERIENCE

**Kennesaw State University Housing and Residence Life, Marietta GA**

Aug. 2022-Aug. 2023

Resident Assistant

- Accommodated 35 residents in total to ensure positive relationships in the community.
- Planned and conducted community gatherings.
- Provided creative solutions to various types of dynamic problems.

**Kennesaw State University College of Computing and Software Engineering,**

Feb. 2023-Present

Marietta GA

Research Assistant

- Collaborated in a 3-member research team to evaluate and identify optimal iris recognition methods using diverse deep learning models.
- Employed MATLAB, TensorFlow lite, and Python to conduct extensive research, data analysis, and experimentation in pursuit of accurate iris recognition outcomes.
- Contributed to the team's efforts in refining and implementing cutting-edge technologies, enhancing the project's success, and advancing iris recognition techniques.

**Calculus I Teaching Assistant, Kennesaw State University**

Aug. 2022-Dec. 2022

**CSE Lab Assistant/Tutor, Kennesaw State University**

Jan. 2023-Feb.2023

## CODING PROJECTS

**Personal Website, Kennesaw State University**

Aug. 2021-Sep. 2021

- Designed a fully functional website, built from scratch, with multiple internally linked pages, that were styled using CSS.

**Stopwatch, Kennesaw State University**

Mar. 2023-Apr. 2023

- Engineered a stopwatch utilizing dual 4-bit counters and an analog display, successfully constructed and optimized on a breadboard.
- <https://www.youtube.com/watch?v=sAP5Kr9Dwdc&t=1s>

**Expense Tracker, Kennesaw State University**

Jun. 2023-Present

- Java expense tracker application that efficiently captures and organizes monthly expenditures.