

Hayden Richards

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SUMMARY

Recent Computer Science graduate with a focus in AI, robotics, and game development. Skilled in Python, Java, and SQL, with experience developing full-stack applications and applying core software engineering principles. Strong problem-solving abilities and a collaborative mindset, with experience working in Agile team environments.

EDUCATION

Bachelor of Science in Computer Science / Concentration in Ai, Robotics and Game development

University of North Carolina at Charlotte • Charlotte, NC • 2026

• Relevant Coursework: Data Mining and Machine Learning, Computer Vision.

Undergraduate Studies

Elon University • Elon, NC

• Attended August 2020– May 2023 as part of Legal Scholars program

PROJECT

Sentiment Analysis, Data Mining, and Machine Learning

- Found and cleaned a data set of ~50,000 IMDB movie reviews and a positive or negative sentiment, Word embeddings, Word2Vec, XGB Classifier Model, Sequential Model
- Fine-tuned the sequential model to maximize the accuracy when fed reviews for movies.

Movement Classification, CNN's, Video Analysis

- Gathering and preparing video data to be analyzed for the purposes of training a model
- Training a CNN for the purpose of classifying videos.

EXPERIENCE

Guest Advocate

Target

October 2025 – May 2026, Matthews, NC

- Processed customer transactions accurately and efficiently in a high-volume retail environment.
- Provided customer support by resolving issues and answering questions.

INVOLVEMENT

Eagle Scout

Weddington, NC • The Boy Scouts of America • May 2026 – May 2026

- Attained rank of Eagle Scout in 7 years.
- Designed, funded and led small team to refurbish local playground improving functionality and safety.

Founder- Dungeons and Dragons Club

Weddington High School

SKILLS

Languages: Python, Java

Data Mining: Cleaning data, Training Models to find Patterns in data
