Jordan Rainford

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Education

M.S. in Artificial Intelligence — Kennesaw State University, College of CSSE   (Expected Graduation: 2027)

B.S. in Computer Science — Kennesaw State University, College of CSSE

Skills

Soft Skills: **Communication**, Teamwork, **Time Management**, Punctuality, **Adaptability**, **Problem-Solving**

Languages & Frameworks: **Python**, JavaScript, **Node.js**, React.js, HTML, CSS

Concepts & Tools: **Data Structures**, Algorithms, **Scrum**, Git, Web Scraping, Agile Development

Experience

Software Engineer Intern   **The Home Depot** (August 2025 – December 2025)

- Utilized Computer Vision and Machine Learning Technologies to create a Full-Stack Solution to minimize injuries due to Lift Equipment Operation

Junior Developer + Quality Tester   Iron Bird Solutions (May 2025 – August 2025)

- Analyzed and Thoroughly Tested back-end workflows using proprietary formulas to calculate user-specific pension data.
- Recorded and organized project meeting notes and managed agendas to improve team alignment.

Data Collection Intern   HoneyToCocoa (March 2025 – May 2025)

- Created a scalable image collection strategy for AI model training under varying lighting and environmental conditions.
- Improved data ingestion quality pipelines to reduce noise and enhance AI model performance.

Sales Associate | Cashier | Lift Equipment Operator   **The Home Depot** (March 2023 – Current)

- Successfully managed complex situations while maintaining positive stakeholder outcomes and high performance standards

Projects

Alzheimer's Diagnosis Deep Learning Model | **MATLAB**, spm12, **Python**, PyTorch   (August 2025 – Current)

- Performed comprehensive pre-procesing of 12,000 MRI images and EHR Data
- Developed a Deep Learning Model capable of diagnosing Alzheimer's Disease

Oware Reinforcement Learning Simulation | Python, **PyTorch**, PyGame   (September 2025 – Current)

- Developed a custom game engine and trained an AI agent to play the popular west-African board game 'Oware' using reinforcement learning.

Forklift Computer Vision Alert System | **Python**, **ROS**, OpenCV   (August 2025 – Current)

- Developed a Computer Vision Software to alert Forklift Drivers of potential dangers within a specified proximity

Certifications

PCEP – Python Entry Level Programmer (PCEP-30-02) — Issued by Python Institute

CompTIA IT Fundamentals (Tech+) — In Progress (Expected 2026)