

AARON CAPRON

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EDUCATION

Bachelor of Science in Computer Science, Minor in Mathematics

Graduating: 06/2026

The University of Texas at El Paso, El Paso, TX

Major GPA: 4.00

Relevant Coursework: Elem. Data Structures & Algorithms, Calculus III, Probability & Statistics

SKILLS

Technical Skills: Java, Python, NumPy, TensorFlow, AWS, AngularJS, Fastly, Varnish

Soft Skills: Detail-Oriented, Problem Solving, Team Collaboration, and Verbal Communication

EXPERIENCE

Open-Source Contributor: Unify AI, Remote

10 hours weekly • July 2024 – Present

- Assisted in designing and implementing AI models and algorithms using **Python** and **TensorFlow**.
- Contributed to analyzing UCI Machine Learning Repository datasets with **NumPy** to identify patterns and insights.
- Supported in the integration of AI models into **AWS** under guidance from two Sr. Engineers mentors.

Apprentice Manager: Discount Tire, El Paso, TX

30 hours weekly • July 2022 – August 2024

- Upheld company philosophies like IOOGA and ensured our customers left safer than they arrived every time.
- Maintained store efficiency by overseeing inventory pulling and customer demand forecasting.
- Led **weekly meetings** with store employees to identify areas for improvement and enhance store performance.

LEADERSHIP

UTEP Student Orientation Leader: University of Texas at El Paso

15 hours weekly • June 2023 – July 2024

- Directed and mentored first-year students, providing guidance and support for their new university lives.
- Took on a leadership role, advising Computer Science freshmen on how to get through the first semesters.
- Led groups of **up to 100 students**, enhancing organizational skills and attention to detail.

Apprentice Manager: Discount Tire, El Paso, TX

- Tracked and reported the need for supplies necessary for day-to-day actions to maintain store upkeep.
- Supervised two teams of four tire technicians, ensuring uniform task distribution and efficiency.

PROJECTS

D2ArmorPicker

15 hours weekly • June 2021 – Present

- Developed a web application integrating with the Destiny Item Manager (DIM) API.
- Collaborated with a team of 6 using **GitHub**, applying **Agile methodology** and implementing a **CI/CD pipeline**.
- Enhanced UX by creating a simple, responsive interface and handling large datasets to provide real-time data.
- **Tech Stack:** AngularJS, HTML/CSS, Fastly + Varnish for load balancing, hosting, and web-server performance.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate**
- **Google Advanced Data Analytics Professional**

Coursera, Earned July 2024

Coursera, In-Progress

REFERENCES

Available upon Request