

CAYDEN HUTCHESON

📞 713-398-8939 ✉️ sixtyfourandten@gmail.com 🔗 [linkedin.com/in/cayden-hutcheson110](https://www.linkedin.com/in/cayden-hutcheson110) 🌐 <https://github.com/ExzellTv>

Education

University of Texas San Antonio

May 2028

Bachelor of Science in Computer Science, Mathematics, Specialization in Data Science

GPA: 4.0/4.0

- Organizations: Honors College Student, Association for Computing Machinery (Co-Director), Cyber Jedi's
- Awards/Honors: Fall 2025 President's List, 2x Experiential Learning Award Scholar

Professional Experience

Better Futures Institute

January 2026 – Present

Software Engineer Intern

San Antonio, Texas

- Developed AI solutions for public infrastructure on a **15-person team**, expanding services for San Antonio residents
- Directed **AI implementation**, presented architecture to **100+ stakeholders**, and resolved critical deployment bugs
- Engineered predictive models automating **pothole detection** and **community needs analysis**, reducing manual processing time by **34%**

MD Anderson Cancer Center

December 2025 – Present

AI/ML Research Intern

Houston, Texas

- Built ML imaging pipelines for Head & Neck (**100GB+**), raising accuracy from **63% to 97.23%**; deployed **clinically**
- Trained classification models in **scikit-learn** and **PyTorch**, boosting accuracy by **10%** across 5 teams (50 researchers)
- Automated **feature extraction and supervised learning in Python**, saving **~20 hours** per week and eliminating repetitive manual analysis for **doctors** and **50 clinical researchers**; contributed publication

Pumps of Houston

May 2025 – August 2025

IT Support Intern

Houston, Texas

- Administered **60+** user accounts, roles, and permissions within **Active Directory**, ensuring **0 security casualties**
- Provided Tier 1-Tier 2 technical support and resolved **35+ tickets/week** using **Acumatica ERP System**
- Improved IT reliability by diagnosing failures and **securing permissions** across **hardware and network** systems

Relevant Experience

Dell Technologies

February 2025 – Present

Participant

Remote

- Selected as **1 of 51** students from **325+** applicants, focused on AI, mentorship, and applied learning
- Engineered data solutions with **4,000+** lines of **preprocessing** and **cleaning** across 150 products

University of Texas San Antonio

October 2025 – Present

AI/ML Research Assistant

San Antonio, Texas

- Optimized **NLP** pipelines, processing **1.7B+ text samples** for topic modeling and semantic search
- Led **10TB+** Reddit data analysis mapping emerging technologies to Gartner Hype Cycle; co-authoring **publication**
- **Automated** large-scale text analysis, **reducing** source identification manual review to **near-instant retrieval**

Projects

Vision | React, Three.js, Python, FastAPI

March 2026 – Present

- Selected as **1 of 65 teams** in the USA for Redbull Basement Competition (0.4%)
- Engineered **comparables analysis** and **zoning inference** pipelines across **structured land datasets** with Python

Technical Skills

Programming & Scripting: Python, C++, Java, C#, Lua, SQL

Cybersecurity & Networking: Docker, Kubernetes, Git, VMWare, Switches

AI/ML & Data Science: AI/ML (NLP, RAG, LLMs, PyTorch, Scikit-learn, data preprocessing)

Volunteering

RowdyHacks

December 2025 – Present

Co-Director

University of Texas San Antonio

- Funded and managed over **\$45,000**, by **10+** companies with **5 teams**
- Hosted software development hackathon for over **900+** people

Project Sunshine

October 2025 – Present

Lead Web Developer

University of Texas San Antonio

- **Collaborated** with over **10** campus health and hospital teams to enhance visibility of community health initiatives