Greg Manns

281-508-4454 | mannsgreg1@gmail.com | linkedin.com/in/greg-manns-237757215/ | github.com/mannsgreg

EDUCATION

Sam Houston State University — Huntsville, TX
Bachelor in Electrical and Computer Engineering, Minor in Computer science — *Exp. graduation May. 2026*
Classification: Junior

EXPERIENCE

Co-Founder — Mar. 2025 – Present
Ursus Labs — *Houston, TX*

- Directed company strategy, including market positioning, business model development, and identifying high-growth opportunities in AI, cloud computing, and defense sectors
- Managed investor relations and actively sought funding from venture capitalists, while applying for government-backed innovation grants and strategic contracts to support company growth

Intelligence Analyst — Mar. 2025 – Present
Stanford University — *Stanford, CA*

- Interfaced with policymakers, military leaders, and private-sector partners to support intelligence-driven decision-making
- Processed, and assessed OSINT, SIGINT, and GEOINT to identify adversarial capabilities and intent

Information Technology Support Specialist — Jun. 2024 – Jan 2025
Lone Star College — *Houston, TX*

- Ensured **99**% operational uptime for **12,000**+ campus devices, including classroom equipment and printers, through proactive maintenance and issue tracking
- Implemented standardized setup processes for **500**+ devices annually, working with managers to deploy campus computers and tablets, reducing installation time by **20%**

Production and Systems Engineer — Oct. 2022 – Mar. 2025
MAXX Technologies — *Houston, TX*

- Team lead on a project involving 3D modeling using **WebGL** and **Pytorch** computer vision AI for live tracking, saving **30**+ Labor hours per day
- Pitched the system to investors and potential clients, securing partnerships and over a **million** dollars in funding

Research Assistant — May 2023 – August 2023
Rice University — *Houston, TX*

- Investigated protein folding within cells using cutting-edge computational dynamics, contributing to novel insights in molecular biology
- Utilized **Python** to analyze datasets, identify patterns, and evaluate different machine learning approaches for greater efficiency and accuracy
- Executed advanced simulations and processed data-intensive programs on a supercomputer to significantly reduce computation time

PROJECTS

Drone Based Laser Countermeasure System | *Sole Inventor and filer* — July 2024

- Application number 18/777,456 filed 07/18/2024
- Developed a system that interfaces with drones, allowing for greater threat detection and evasion,designed to scale up economically

Ursus | *Lead Developer* — January 2025

- Designed and led the end-to-end development of a cryptocurrency, including conceptualization, tokenomics design, and deployment

Image Processing and Computer Vision | *Software Developer* — January 2025

- Implemented edge detection algorithms to identify object boundaries in images using **C++**