

# JOHN-PAUL POP

Rockwall, TX;

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Dynamic soldier and honor student with IT experience and strong technical skills. Seeking an internship in a computer science-related field to gain real-world experience.

**Active US Secret security clearance (2021-present).**

## Education

- **Texas A&M University**—College Station, TX Graduation: May 2026  
*Bachelor's of Computer Science - Minor: Statistics* GPA: University- **3.897** Department- **4.000**
  - Unique Course Work: Flight Science I (Ground School), Calculus I-III, Physics II: E and M
  - Graduate Classes: Artificial Intelligence, Parallel Computing, and Machine Learning (Fall 2025)

## Experience

- **Raytheon Technologies, ISS** Aurora, CO  
*Software Infrastructure Intern* May 2025 – August 2025
  - Learned how to build and deploy Docker images in a Kubernetes cluster, and manage the nodes via Ansible.
  - Researched and evaluated Alloy as a replacement for Promtail, assisted in acquiring necessary files, and contributed to creating a deployment bundle in preparation for future migration.
  - Participated in twice weekly scrum meetings to share progress, identify blockers, and align with the PI deadlines.
  - Analyzed and planned remediation steps for vulnerabilities identified in scan findings.
- **Treat Technologies** Rockwall, TX  
*Software Developer Intern* July 2024 – August 2024
  - Used react for frontend and python for backend.
  - Developed frontend and backend software following under the direction and mentorship of a senior engineer.
  - Participated in code reviews for any modifications to the codebase.
- **US Army (Guardman): 102nd Information Operations 71st TIOG** San Antonio, TX  
*Sergeant - IT Specialist* June 2021 – Present
  - Troubleshoot and resolved technology-related problems, including network administration, system configuration, and cybersecurity implementation.
  - Helped coordinate, disperse, and accurately track ammunition for weapons qualifications for 200+ soldiers.
  - Guided a team of soldiers through training exercises, fostering collaboration.
  - Deployed in response to a natural disaster, coordinated relief aid distribution, and received an award for my contributions.

## Projects

- **Home Server - Linux (Ubuntu), Bash, Unix, DuckDNS, Networking**
  - Repurposed an old desktop into a Linux server for application hosting.
  - Configured server for secure, fully remote, out-of-state maintenance using Dynamic DNS and SSH tunneling.
  - Deployed and maintained application server supporting 10+ concurrent users from across the country.
- **POS System - React, Tailwind, Flask, PostgreSQL, Python, AWS, Agile Development**
  - Built a web application with accessibility features (high contrast mode, magnification, translation) to enhance usability.
  - Collaborated in an Agile team, contributing to sprint planning, backlog management, and weekly stand-ups.
  - Gained experience with React, Flask, and deployment through self-teaching and problem-solving gaining expertise in web frameworks and RESTful APIs.
- **Wordle - Java**
  - Coded my own wordle that was able to save score, save\data into 3 different slots, and randomly choose a word from a custom list of words.

## Skills

- **Computer Languages:**
  - C++, Python, Java,  $\LaTeX$ , C #, C, Bash, HTML, CSS, SQL, JavaScript
- **Tools and Systems:**
  - Jenkins, Artifactory, Unix, Docker, Kubernetes, Ansible, React, AWS, WSL, Make, CMake, Git, SSH, PostgreSQL, Flask

## Honors\Awards

- Phi Kappa Phi (Top 7% of students)
- Texas A&M University Honors and Texas A&M Engineering Honors

## Volunteer Work

- **Breakaway Ministries** January 2023 - Present
  - Worked on the technology side with its online presence, lights, and functionality during sermon and worship events.
  - Have given over 400+ hours