

# SHRAVAN ATHIKINASETTI

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## EDUCATION

### Virginia Tech University - GPA: 3.65

Bachelor of Science in Computer Science, Minor in Quantum Computing

Blacksburg, VA

Aug. 2023 – May 2026

## EXPERIENCE

### DOD/Raytheon ITX internship

DOD/Raytheon

August 2024 – April 2025

Blacksburg, VA

- Participated in a competitive internship program focused on supporting national security missions through software development, systems engineering, system administration, and cybersecurity.
- Collaborated on research projects while working 8-12 hours per week, receiving a stipend to advance skills in C++, Python, Java, and other object-oriented programming languages.

### Sentivity AI

Full stack engineer

December 2024 – Current

Blacksburg, VA

- Used AI-powered sentiment analysis to track negative speech shifts in right-wing Reddit communities during key sociopolitical events.
- Built an NLP pipeline with CardiffNLP's sentiment model, processing large-scale Reddit data to quantify sentiment changes.

### Aventura Adamo

Software Engineering and Artificial Intelligence Intern

June 2024 – October 2024

Ashburn, VA

- Experimented with AI models under different softwares, shadowing an expert. Developed AI development software
- Developed two AI models: one for analyzing themes in complex literature and another for detecting fake stock news, both deployed into company WiFi mainframes.
- Worked in depth with react, flask, and other applications like Firebase and SQL to complete these projects.

### Chainbridge Solutions

Software Engineering Intern

June 2023 – August 2023

Chantilly, VA

- Developed a voice assistant with a software that surveys websites for potential cyber threats
- Developed a full-stack web application using Flask and React for a contracting project
- Worked with Java, Python, CSS, HTML, Flask, Git, Git bash, Machine learning, C++, SQL

### RockSAT Design Team

Software Lead

July 2023 – Current

Blacksburg, VA

- Investigating a space tether that can provide a small satellite with power and a mechanical connection.
- Contributed 5K+ lines of code to an established codebase via Git
- Wrote an 8-page paper and gave multiple presentations on-campus

## PROJECTS

### Simple Reddit | Full-Stack Web Application

June 2024 – Present

- Developed a full-stack Reddit-like platform with user authentication, post creation, and comment functionality.
- Utilized React for the frontend, Flask for the backend, and SQL for database storage, ensuring a responsive and dynamic interface.

### Toolio | AI-Powered Product Recommendation Tool

May 2024 – Present

- Developed an AI-driven tool for startup deployment that optimizes product recommendations based on location.
- Built with SquidAI and Firebase, leveraging TypeScript and React for frontend, backend, and various integrations.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Quantum Languages: Qiskit, Cirq

**Certifications:** Java, Python, HTML/CSS, AWS, Cloud Computing

**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Firebase, Django

**Developer Tools:** Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

## HONORS/AWARDS

**Virginia Tech:** 1st place Pitch Competition (2023) — Dean's List with Distinction (2023-Current) — Startup Sprint runner up