

RITHVIK BOYANA

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EDUCATION

Texas A&M University

College Station, TX

B.S. Computer Science, Minor in Statistics

August 2023 - December 2026 (Expected)

- **GPA:** 3.91/4.00.
- **Relevant Courses:** Data Structures and Algorithms, Database Systems, Analysis of Algorithms, C++ Program Design, Computer Assembly, OOP/Functional Programming, Python Engineering, Discrete Computing, Linear Algebra.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, SQL, JavaScript/TypeScript, HTML, CSS, R, YARA-L.

Frameworks: React, Node, Express, Tailwind CSS, SwiftUI, Next, JavaFX.

Developer Tools: Git, REST API, AWS, Firebase, Google Chronicle/SecOps, Darktrace, ThreatLocker, Carbon Black.

Libraries: NumPy, pandas, OpenCV, TensorFlow.

PROFESSIONAL EXPERIENCE

Sedgwick

Memphis, TN (Remote)

IT Security Intern

May 2025 – August 2025

- Reduced false-positive cyber alerts by 20% through Darktrace AI threat detection model parameters.
- Optimized Google SecOps rules and playbooks with YARA-L for seamless integration and logging with 10+ security tools.
- Streamlined SOC workflows supporting 33,000+ employees by developing internal automation and tracking tools.
- Audited and streamlined firewall configurations across 10+ data centers to improve rule efficiency and harden policies.

SNAP Inc. (Snapchat)

Santa Monica, CA (Remote)

Augmented Reality Software Intern

September 2024 – November 2024

- Developed and deployed 5 interactive AR lenses in Lens Studio, incorporating custom UI/UX components and animations.
- Engineered animations and visual effects through Python scripting and graphic design tools such as Figma and Photoshop.
- Applied digital storytelling techniques to create immersive AR narratives that increased viewer interaction.
- Partnered with marketing teams to strategize and launch branded Snap Lenses, driving product and service engagement.

Comet

Santa Clara, CA (Remote)

Software Engineering Intern

February 2022 – May 2022

- Conducted application testing across three Flight Test phases, identifying and resolving critical pre-launch issues.
- Introduced two front-end applications using HTML, CSS, and JavaScript, earning the company's Intern Spotlight Award.
- Collaborated with web designers and engineers to develop UI components tailored to target audience needs.
- Completed 5+ workshops covering UI/UX, Software Development, and marketing, gaining hands-on experience.

PROJECTS

Tripsight | AI Travel Planner

College Station, TX

React, Node, Tailwind CSS, SwiftUI, FastAPI, TypeScript

April 2025 – June 2025

- Built a full-stack AI-powered travel planner that generates itineraries based on destination, user interests, and trip duration.
- Designed a REST API with OpenAI integration to efficiently produce real-time, tailored suggestions in under 5 seconds.
- Implemented OAuth validation and user management using Google Firebase, enabling secure and streamlined sign-in.
- Enhanced user experience by adding over 100 locations and 50+ interests for streamlined AI prompts and accurate results.

Discord Bot

McKinney, TX

Python, JavaScript

May 2022 – June 2022

- Developed a server moderation application for Discord servers, a social media platform, using the Discord.py API.
- Added 10+ administrative and maintenance programs to assist moderators in overseeing voice and chat channels.
- Established a music playback feature with the YouTubeDL API to play audio on demand based on the user preferences.
- Leveraged Git for version control and iterative updates, allowing for coherent connections to services like Heroku.