RAKSHITHA THANASEKARAN

Fairfax, VA | trakshitha10@gmail.com | 703-593-9860

EDUCATION

University of Virginia, School of Engineering and Applied Science, Charlottesville, VA   *August 2023 - May 2026*
Major: BS Computer Science
Major GPA: 3.7

Relevant course work: Software Engineering, Data Structures and Algorithms 1 & 2, Introduction to Cybersecurity, Software Development Essentials, Computer Systems and Organizations, Discrete Mathematics and Theory

Chantilly High School, Chantilly, Virginia   *August 2019 - June 2023*
Advanced Diploma
GPA: 4.42

RELEVANT PROJECTS

- **Relevant skills**: HTML, CSS, Javascript, CI/CD, Authentications, Load Balancing, OOP, Continuous Integration, Web Development, Blazor, Django, Heroku, Amazon S3, Wireshark, Nmap, Version control with Git, SQL querying with SQLite, JUnit 5/Mockito for unit testing, Java JDBC and Hibernate for database connectivity
- Haute Data - Research Project
    - Implemented State Space Models to analyze a decade of fashion data to train an advanced predictive model, enabling precise forecasting of emerging trends in the fashion industry, experience working with NumPy, Pandas
- Get-to-Gather - Personal Project
    - Designed and developed Get-To-Gather, a calendar and scheduling application, using Figma for UI/UX design and implementing features with HTML, CSS, and JavaScript to enhance event organization and user collaboration

WORK EXPERIENCE

StreamHorseTV Software Engineering Intern, **StreamHorseTV,** Remote   *June 2025 – Present*
- Developing a full-stack web application using Django to aggregate and analyze impression, engagement, and view count data for 300+ creators across Instagram, Facebook, and YouTube APIs.
- Leveraging AWS for scalable back-end storage and data processing, streamlining the workflow by automating total view calculations—boosting efficiency by over 70% and saving hours of manual work for StreamHorseTV's partnered content creators.

Resident Adviser, **UVA HRL,** Charlottesville, VA   *January 2025 - Present*
- Responded promptly to medical emergencies, security incidents, and facility issues, ensuring resident safety by assessing situations, administering initial support, and coordinating with EMS, fire department, and campus security
- Fostered community through events, conflict resolution, and resident support

StreamHorseTV Business Development Associate, **StreamHorseTV,** Remote   *August 2024 - Present*
- Managed team of 5 interns to expand outreach of the company
- Analyzed marketing trends and KPI data using data analytics tools
- Collaborated with StreamHorseTV's CEO to refine and optimize marketing strategies
- Boosted brand reach and effectiveness across StreamHorse's digital media platforms by managing various publications

EXTRA-CURRICULARS

Executive Advisor, **Virginia State FBLA Secretary**   *May 2023 - Present*
- Maintained accurate records of chapter meetings and distributed monthly newsletters
- Communicated closely with board members to enhance overall member experience within FBLA

Board Member, **UVA FBLA VP of Membership**   *May 2023 - Present*
- Spearheaded membership growth initiatives for UVA's FBLA Chapter, collaborating with board members to establish business connections and promote industry events during chapter meetings

CERTIFICATIONS

- Microsoft Full-Stack Developer Professional Certificate – In progress
- Python Certification – Information Technology Specialists
- MTA: Introduction to Programming Using Python