

# Ashita Anuga

Cell: 571-386-9444 | Email: [ashita23@vt.edu](mailto:ashita23@vt.edu) | Address: 8406 Mossy Pines Way, Gainesville, VA 20155 |  
LinkedIn: <https://www.linkedin.com/in/ashita-anuga-1590a1197/>

## EDUCATION

---

Virginia Tech (Blacksburg) – M. Eng Computer Science (GPA - N/A)	Expected Graduation: May 2024
Virginia Tech (Blacksburg) – B.S Computer Science (GPA - 3.55)	Expected Graduation: May 2023

## INTERNSHIPS

---

Agri-Trak - <i>Machine Learning and Software Development Intern</i>	Summer 2022
<ul style="list-style-type: none"><li>Developed a proof of concept for a project to build predictive models regarding H2-A compliance using Machine Learning to alert farms to the potential compliance issues before the end of the season.</li></ul>	

## RESEARCH/PUBLICATIONS

---

AI Assurance Research for Cyber-Physical Systems- <i>Undergraduate Researcher</i>	Summer 2021-Spring 2022
<ul style="list-style-type: none"><li>Project involves assuring models to make cyber-physical systems more trustworthy and ethical. Comparing results of supervised vs. unsupervised models with other previously published benchmark results (journal paper in the process of being completed and published).</li></ul>	
Technology Policy Recommendations Using Artificial Intelligence - <i>Undergraduate Researcher</i>	Spring 2021
<ul style="list-style-type: none"><li>Worked within the Future Scientist Program to work on a long-term project to develop methods for the testing (Validation and Verification) of AI systems in multiple domains (Policy Making Platforms, Defense Systems)</li><li>Project includes collecting data, wrangling data, designing and testing models, as well as web development and data dashboards development.</li></ul>	

## PROJECTS

---

Personalized Study Tracker - <i>Software Developer</i>	Summer 2021
<ul style="list-style-type: none"><li>Created a webapp that allows users to keep track of their progress when studying for any personalized goal by adding records with each input and dynamically updating the progress toward their set goal.</li><li>Utilized Angular and Node JS for the frontend and backend respectively while having all records and users stored in a database (MongoDB).</li></ul>	

## LEADERSHIP

---

Galipatia-Living Learning Community - <i>Multiple Positions</i>	Fall 2020 – Fall 2021
<ul style="list-style-type: none"><li><b>Data Management Committee Liaison</b> - Paid position for managing the system used to create and manage events for the Engineering Living Learning Community while also teaching other a course involving breaking up coding assignments for students and explaining how to manage the community's website, VT GEMS</li><li><b>Professional Development Committee Member</b> - Held a leadership position in the Engineering Living Learning Community to work toward creating professional development opportunities for members through collaboration and teamwork</li></ul>	
Association for Women in Computing (AWC) - <i>Multiple Positions</i>	2019-Present
<ul style="list-style-type: none"><li><b>CAMEO Chair</b> - Holding a leadership position in the AWC as the Chair of the Council for the Advancement of Minority Engineering Organizations (CAMEO) to collaborate with other student organizations and work with companies to host the CAMEO Career Fest.</li><li><b>SEC Chair</b> – Maintaining a relationship between AWC and the Student Engineer's Council (SEC) at Virginia Tech regarding funding, professional development events and managing volunteering opportunities.</li></ul>	

## RELEVANT COURSEWORK AND SKILLS

- 
- Courses: Software Design & Data Structures, Cloud Software Development, Computer Organization (I & II), Intro to Problems Solving, Discrete Mathematics, Intro to Software Design.
  - Technical Skills: Java (most familiar), Python, MATLAB, AutoCAD, SolidWorks, and C.