

Jihad S. El-Amin III

2474 Old Ivy Road, Charlottesville, VA 22903 • jihad.elamin3@gmail.com • 518-618-8689

Education

University of Virginia Electrical and Computer Engineering Rodman Scholar (Top 5% Engineering Student) <i>Hispanic Scholarship Fund Scholar</i>	Charlottesville, VA May 2028
New Century Technology High School GPA: 4.34 (Unweighted 3.94) Honors: Top Computer Science Student, A Honor Roll, Top Engineering Student	Huntsville, AL Graduation: 2024
Cornell University (Pre-College Program) 6-week Cognitive Science Course • GPA: 4.0	Remote 2023

Experience

Energy Alabama <i>Research & Data Intern</i>	Remote March 2024 – August 2024
<ul style="list-style-type: none">Built interactive Power BI dashboards to visualize energy production across AlabamaApplied data science methods to streamline insight extraction and support policy briefsConducted in-depth data analysis of power plant generation trends using EIA-923 datasetsCollaborated with energy experts to identify clean energy transition opportunities through statistical modeling	
Brown Technologies Incorporated <i>Machine Learning Intern</i>	Huntsville, AL December 2023 – August 2024
<ul style="list-style-type: none">Implemented a streamlined model deployment pipelineLed data science initiatives and mentored others through project-based learningIncreased corpus size by 20%, enriching dataset diversity and enhancing model accuracyDeveloped advanced AI models using Python and Jupyter Notebooks for commercial and DoD applications	
Tech N’ Teach <i>Startup Founder & CEO</i>	Huntsville, AL September 2023 – Present
<ul style="list-style-type: none">Expanded co-op program to over 24 schools, reaching hundreds of studentsIncreased student coding test scores by 40% through innovative teaching methodsChampioned intergenerational collaboration and community engagement in tech educationEstablished project-based company pairing senior and junior students to teach STEM in local schools	

Leadership

Huntsville Kappa League – President (2022-2024)	Huntsville, AL
Student Government – President (2023 – 2024)	Huntsville, AL
National Honor Society – President (2023 – 2024)	Huntsville, AL

Skills & Interests

Technical: Python (Fluent), JavaScript (Intermediate), C++(Intermediate), Jupyter Notebooks (Fluent)
Languages: English (fluent), Spanish (Intermediate)
Interests: AI development, youth mentorship, educational tech innovation