

HAITHAM AHMAD

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School:
University of Virginia School of Engineering
Home:
10692 Tattersall Drive

SUMMARY

Student currently enrolled at a top-five public university, majoring in Systems Engineering with a minor in Computer Science. The document below summarizes notable professional accomplishments, allowing readers to assess character and worth for any position or accolade

WORK EXPERIENCE

SDE Intern, Amazon Web Services, Seattle, Washington *May 2025 - Present*

- Functioned on a team dealing with machine learning and generative AI models, automated tedious tasks, saving team and company thousands of dollars and hours every week in bandwidth
- Developed a high level understanding of tools and infrastructure at Amazon as a whole and AWS
- Completed two project milestones assigned by manager and presented final product to team with instructions on usage

Research Intern, NASA SEES, Austin, Texas *May 2023 - August 2023*

- Collaborated with team of fellow high-achieving students to research how NASA analyzes land cover across thousands of square miles
- Created a machine learning tool to analyze satellite imagery and categorize land masses, was trained using hundreds of publicly sourced training documents
- Wrote and published research, working with the University of Texas at Austin, one of 200 selected for AGU Bright StaRS

Marketing Outreach Coordinator, Bluum Media, Los Angeles, California *May 2023 - August 2023*

- Established connections with 10 new clients and delegated project work to company staff
- Communicated complex marketing ideas with Multi-Million dollar businesses and advertisement producers

Systems Improvement Intern, H2Growers Intern, Fairfax, Virginia *May 2021 - August 2021*

- Optimized a local hydroponics startup to improve efficiency of produce growth by 20% in greenhouses

EDUCATION

University of Virginia, School of Engineering, Charlottesville, VA *August 2024 - Present*

Bachelor of Science at the University of Virginia

- Major in Systems Engineering
- Minor in Computer Science
- Participation in technical-related clubs and coursework

Osborn Park High School, Manassas, Virginia *August 2020 - May 2024*

High School Diploma (Science School)

- Graduated from a School Specializing in STEM and Biomedical Engineering
- Ended in top percentile of class of over 800 students
- Earned an SAT score of 1500 (99th percentile nationwide)
- AGU Bright StaRS, Osborn Park High School Academic Award, Amazon Future Engineer Scholarship, SWAT club Treasurer and Innovation Team Director, Vice President of Middle Eastern and North African Society, President of STEM Research Club, Varsity Track, ECNL Travel Soccer

ADDITIONAL INFORMATION

- Technical Skills: CAD, Revit, Python, Java, Javascript
- Languages: English, Arabic
- Awards/Activities: President's Education Awards Program Outstanding Academic Excellence Award, National Hispanic Recognition Program