

# AMR ELAMIN

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Permanent:  
11436 Pinedale Dr  
Glen Allen VA, 23059

## EDUCATION

### Virginia Tech

**Bachelor of Science** in Industrial and Systems Engineering

**Minor** in Data and Decisions Science

**Relevant Courses** ISE 3614 (Human Factors Engineering), BDS 2005 (Behavioral Decision Science), BIT 4606 (Data Gov, Privacy, Ethics)

**Presidential Scholarship Initiative** award recipient

**Blacksburg, VA**

*Exp. Graduation: May 2026*

## WORK EXPERIENCE

### Snap Inc.

*Augmented Reality Design Extern*

**Remote**

*Sep 2024 – Present*

- Developed immersive AR experiences with a strong focus on UX/UI design, utilizing Snap's Lens Studio to create intuitive, user-centered interfaces.
- Collaborated with industry experts to optimize AR lenses, incorporating human factors principles to enhance user interaction and accessibility.
- Advanced expertise in digital storytelling, integrating UX methodologies to deliver engaging, high-impact AR applications.

### Web Development

*Freelance Full Stack Engineer*

**Richmond, VA**

*Jan 2024 – Present*

- Successfully developed over 10 websites. Specialize in creating responsive front-end designs that ensure user experiences.
- Collaborating with over 5 different clients to translate multifunctional requirements into actionable development plans. Expertise in crafting intuitive user interfaces and experiences, focusing on effectiveness to meet diverse user needs.
- Implement efficient coding practices that boost speed and improve user interaction.

### Haneen Transportation

*Operations Research Intern*

**Richmond, VA**

*June 2022 – August 2022*

- Developed a new algorithm to streamline routing for business efficiency.
- Enhanced route efficiency by 64% in four weeks with a Python program.
- Established a comprehensive database across the entire company, designed to meticulously calculate and identify the most economically advantageous routes, thereby optimizing cost savings and resource allocation.

## CAMPUS ORGANIZATIONS

### Sudanese Student Organization

*Founder/President*

**Blacksburg, VA**

*January 2024 - Present*

- Founded the SSO at Virginia Tech, pioneering a platform to connect, support, and promote Sudanese culture among students.
- Led the initiative to develop an alumni database using Python for backend management and SQL for data structuring, enhancing member access to networking and mentorship opportunities.

### National Society of Black Engineers (NSBE)

*Active Member*

**Blacksburg, VA**

*August 2024 - Present*

- Attended weekly meetings and maintained informed and involved in the organization's professional development events and opportunities. Nurtured a strong relationship with members that had similar professional goals and diverse backgrounds.

### Pi Sigma Epsilon (ΠΣΕ)

*Technical Majors Liaison*

**Blacksburg, VA**

*December 2023 - Present*

- Joined a national co-ed professional fraternity, open to all majors, to develop leadership and professional skills.
- Established a new leadership position to represent the interests of technical majors within the fraternity, advocating for their unique professional development needs.
- Worked closely with PSE leadership to expand professional opportunities for members outside traditional business roles, bridging the gap between business and technical disciplines

### Pi Kappa Alpha (ΠΚΑ)

*DEIB Chair*

**Blacksburg, VA**

*December 2022 - Present*

- Executed impactful diversity and inclusion initiatives within the fraternity, fostering an environment of respect and belonging leading to a 29% increase in participation and engagement.
- Worked closely with fellow members, chapter leadership, and campus organizations to establish strategic partnerships and collaborations aimed at fostering DEIB awareness and engagement among prospective members.

## SOFTWARE SKILLS

## HARD SKILLS

- |                      |             |                      |                         |
|----------------------|-------------|----------------------|-------------------------|
| • HTML/CSS/JScript   | • SQL/MySQL | • Project Management | • Leadership Experience |
| • Bootstrap/Tailwind | • Python    | • Web Development    | • Problem-Solving       |
| • ReactJS            | • MATLAB    | • Data Engineering   | • Arabic Proficiency    |
| • Node.js            | • R         |                      |                         |