AMR ELAMIN

|804-300-5634 **|** amrelamin@vt.edu |
| www.linkedin.com/in/amrelamin |
| **Full Portfolio** amrelamin.com |

Permanent:
11436 Pinedale Dr
Glen Allen VA, 23059

EDUCATION

Virginia Tech   **Blacksburg, VA**
Bachelor of Science in Industrial and Systems Engineering   *Exp. Graduation: May 2026*
Minor in Data and Decisions Science
Relevant Courses ISE 3614 (Human Factors Engineering), BDS 2005 (Behavioral Science), ISE 2034 (Data Management for Systems Engineers)
Certifications Research Compliance Certification (IRB)
Presidential Scholarship Initiative *award recipient*

WORK EXPERIENCE

Snap Inc.   **New York, NY (Remote)**
Augmented Reality Design Extern   *Sep 2024 – Present*
- Designed immersive AR experiences using Snap's Lens Studio with a UX/UI focus to create user-centered interfaces.
- Collaborated with industry experts to optimize AR lenses, integrating human factors principles to enhance user interaction.
- Advanced expertise in digital storytelling, integrating UX methodologies to deliver engaging, high-impact AR applications.

Web Development   **Richmond, VA**
Freelance Full Stack Engineer   *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   **Richmond, VA**
Operations Research Intern   *June 2022 – August 2022*
- Developed an algorithm to streamline and optimize routing, improving operational efficiency by 64%.
- Enhanced service for disabled clients by integrating accessibility into route planning, improving user experience.
- Built a comprehensive database to evaluate and implement the most cost-effective routes, enhancing company-wide logistics and decision-making.

CAMPUS ORGANIZATIONS

International Council on Systems Engineering (INCOSE)   **Blacksburg, VA**
Executive Secretary   *September 2024 - Present*
- Collaborated with senior systems engineers (20+ years of experience) to strategize and execute events that advance systems engineering principles.
- Managed high-level communication between the board and external stakeholders, ensuring alignment with industry standards and best practices.
- Recorded and synthesized critical meeting decisions, maintaining comprehensive documentation for actionable follow-ups.

Sudanese Student Organization (SSO)   **Blacksburg, VA**
Founder/Coordinator   *January 2024 - Present*
- Co-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)   **Blacksburg, VA**
Active Member   *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)   **Blacksburg, VA**
Technical Majors Liaison   *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.

SOFTWARE SKILLS		HARD SKILLS	
• HTML/CSS/JScript	• SQL/MySQL	• Project Management	• Leadership Experience
• Bootstrap/Tailwind	• Python		
• ReactJS	• MATLAB	• Web Development	• Problem-Solving
• Node.js	• R	• Critical Thinking	• Arabic Proficiency