LAYLA SCOTT

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EDUCATION

Virginia Tech

Bachelor of Science in Computer Science

GPA: 3.83

Relevant Coursework: | Computer Organization | | Object Oriented Programming | | Data Structures & Algorithms |

PROFESSIONAL EXPERIENCE

Mobile Developer & Research Assistant   Jan 2023 − Present
ACLS Digital Justice Seed Grant

- Student Technical Lead for the Mobile Development Team
- Provide expert opinion in collaboration with faculty and students, programming a user-friendly app.
- Conducted qualitative research to develop in-depth user stories and conducted usability tests to determine successful UX functions for a mobile app under a $25K budget.

COMMUNITY INVOLVEMENT

Peer Mentor   Apr 2023 − Present
Center for the Enhancement of Engineering Diversity

- Mentor first-year engineering student to ease their transition to college.
- Design and implement workshops and events focused on developing leadership skills, fostering community, and promoting academic success among mentees.

Engineering Camp Advisor   Jun 2022 − Jul 2022
Center for the Enhancement of Engineering Diversity

- Fostered an atmosphere of diversity, inclusion, and curiosity for 250 underrepresented students interested in engineering.
- Mentored K-12 students, providing support in personal & academic areas, resulting in improved mentee confidence & sense of direction.
- Resolved student conflicts and implemented effective problem-solving strategies in minor disputes.

Society of Women Engineers Member   Oct 2021 − Present
Education Outreach Committee

- Addressed over 50 girl scouts by presenting thought-provoking insights on the need to demystify gender-based technology biases, boosting participation of girls in computer science.
- Devised innovative strategies to engage and empower young women in the field of STEM.

PROJECTS

Personal Website   🌐 laylascott.dev

- Created a personal website to display my work and develop my technical skills.

Micromouse   🌐 Micromouse

- Created an intelligent maze solving simulation, which employs Flood Fill and DFS algorithms.

100 Questions App   🌐 Preview Only

- Crossplatform Mobile Application developed through undergraduate research, to assist immigrants in studying for their naturalization civics test.

SKILLS

Programming:	Dart, Java, HTML, CSS, JavaScript C, Python, Swift
Environments:	Android Studio, Eclipse, VS Code, Xcode, Figma
Behavioral:	Leadership, Public Speaking, Time Management, Relationship Building