

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

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

Micromouse

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

100 Questions App

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- 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