

Elaini Geffa

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SUMMARY

Computer Science student at Virginia Tech with experience building Java-based, data-driven applications using Agile workflows and intuitive GUI design. Known for clear communication and problem-solving through technical projects, mentoring, and launching a self-run business. Excited to contribute code and fresh perspective to help reimagine systems and deliver meaningful engineering results.

EDUCATION

Virginia Tech, Blacksburg, VA

Bachelor of Science in Computer Science

Aug 2023 – May 2027 (Expected)

GPA: 3.35/4.00

Relevant Coursework: Data Structures, Software Design, Computer Organization, Public Speaking

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, MATLAB, HTML

Frameworks/Tools: Git, Eclipse, Visual Studio Code, Linux, SolidWorks

Core Skills: Agile Development, Object-Oriented Design, Software Testing, Debugging, GUI Design, Algorithms, Technical Documentation

PROJECT EXPERIENCE

Social Media Analytics Organizer - *Java, GUI, Data Structures*

- Built analytics dashboard in 4-person team to visualize social media engagement from mock data
- Boosted data retrieval speed by 30% via sorting algorithm enhancements
- Designed user interface enabling intuitive metric exploration

Calendar App for Motivation Management - *Java, GUI, Agile Principles*

- Developed student productivity tool with intuitive calendar interface
- Ranked top 1% out of 200 peers for design, documentation, and usability
- Employed Agile iteration cycles and peer feedback to optimize user flow

WORK EXPERIENCE

STEAM Camp Counselor

SciGenius, Fairfax, VA | June 2024 – Aug 2024

- Led 10+ weekly STEM projects, mentoring 150+ students in creative design thinking
- Achieved 98% engagement rate through hands-on, collaborative sessions

Front of House Shift Lead

Nando's Peri-Peri, Alexandria, VA | Mar 2023 – Aug 2023

- Promoted in 3 months; recognized by CEO for leadership and exceptional service

LEADERSHIP & INITIATIVES

CEED Mentor (Center for the Enhancement of Engineering Diversity)

Virginia Tech | May 2024 – Present

- Provide academic, personal, and career mentorship to first-year engineering students navigating technical coursework
- Lead weekly progress check-ins, promoting study strategies, project planning, and peer accountability

Founder & Owner – Elaini's Elegance (Hair Braiding Business)

Virginia Tech Campus | Oct 2023 – Present

- Built successful on-campus hair braiding business; manage clients, marketing, and operations