

Elizabeth “Liz” Smith

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EDUCATION

University of Richmond, *Richmond, VA* *May 2024*
Bachelor of Science, Computer Science Major, Math Minor
In-Major GPA: 3.82 Awards: Scholar-Athlete, A10 Commissioner’s Honor Roll, Dean’s List

SKILLS & FAVORITE PROJECT

History-GPT

- Utilized Tesseract and ChatGPT API to process and extract relevant information from PDF image articles in Python. The system transcribes the article, segments it based on predicted token count, and generates concise, informative summaries written to a text file.

Skills: Python, Java, C++, GitHub, HTML, CSS, Linux, Swift, ASL, Spanish, Critical Thinking

Fun Fact: Able to fluently read a shift cypher of one to the right on an iPhone keyboard

EXPERIENCE

Capital One, *Richmond, VA* *Dec 2022 – Present*
Incoming Software Engineering Intern

Academic Skills Center, *University of Richmond, VA* *Sept 2022 – Present*
Computer Science Tutor

- Tutor students across diverse skill levels, effectively tailoring teaching methods to individual needs, ensuring thorough understanding of key concepts
- Manage time and resources during group tutoring sessions to address multiple students’ needs simultaneously

Association for Computing Machinery, *Richmond, VA* *Sept 2021 – Present*
President, Software Developer, Secretary

- Communicate funding requirements to the university, ensuring adequate resources for club activities and initiatives
- Collaborate with fellow ACM officers to develop and implement strategic plans, setting goals and objectives to drive the club’s long-term success and members’ career success, optimizing club participation and budget constraints
- Enhance and maintain the club’s various websites, such as bestcs.dev

Computer Science Department, *University of Richmond, VA* *Jan 2023 – May 2023*
Algorithms Teaching Assistant

- Guided and encouraged students toward a stronger understanding of core topics relating to dynamic programming, graph algorithms, divide and conquer, and P/NP
- Supported the development of students’ problem-solving skills and critical thinking while promoting a positive and inclusive environment

University of Richmond, *Richmond, VA* *May 2022 – Dec 2022*
Undergrad Researcher

- Investigated cutting-edge adversarial attacks on day-to-day voice processing systems
- Produced deep speech recognition interpretations of adversarial audio samples using Python on a cluster computer

University of Richmond Women’s Lacrosse, *Richmond, VA* *Aug 2020 – April 2022*
NCAA Division-1 Athlete

- Committed 24+ hours per week to practices, competition, and team building
- Supervised, guided, and marketed to recruits during recruiting visits
- Refined awareness, communication, and multitasking skills