Chiara Sabato

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Education

University of North Carolina at Chapel Hill   **Chapel Hill, NC**
Computer Science (B.S.), Minors in Data Science and Italian   *August 2021 – May 2025*
GPA: 3.85
Honors: Graduated Summa Cum Laude, Dean's List, Grace Hopper Scholarship Recipient 2022
Relevant Coursework: Algorithms and Analysis, Software Engineering Laboratory, Programming in the 21st Century, Analysis of Data Structures, Internet Services and Protocols, Files and Database, Computer Organization

Skills

Languages: Python, Java, R, SQL, C, Swift, TypeScript, HTML/CSS
Frameworks and Tools: Git/GitHub/GitLab, React.js, Angular, AWS, CDKTF/Terraform, Docker, Jupyter, JUnit/Pytest, Postman, Firebase, Supabase, RestAPIs, Notion, Confluence, Jira, Microsoft Office, WordPress, Canva
Certifications: AWS Certified Cloud Practitioner

Work Experience

UNC Chapel Hill Computer Science Department   **Chapel Hill, NC**
Computer Science Career Assistant   *August 2024 –May 2025*
- Supported ~2,000 students in the job application process through personalized resume reviews and mock interviews
- Managed marketing strategy of weekly newsletter and informational graphics boosting student engagement by 15%
- Created informational resources for students, led technical workshops, and maintained the company's WordPress site

Pearson   **Durham, NC**
Cloud Engineer Intern on SRE Team   *June 2024 – August 2024*
- Deployed Python scripts on AWS Lambda retrieving Jira data and populating S3 for Amazon Bedrock knowledge base
- Generated AWS infrastructure using CDK for Terraform and engineered prompts to refine response accuracy and tone
- Enabled real-time query handling in under 10 seconds using responsive React application integrated with chatbot

UNC Chapel Hill Computer Science Department   **Chapel Hill, NC**
Undergraduate Teaching Assistant for COMP 110   *January 2022 –May 2024*
- Debugged Python program errors, answered conceptual questions, and resolved software issues for over 650 students
- Coordinated team building events for 50-person staff, including mentor program and professional development
- Led grading team involving testing ~6000 student programs and grading handwritten code for 6 exams per semester

Ally   **Charlotte, NC**
Software Engineer Intern on DevSecOps Team   *May 2023 – August 2023*
- Developed internal dashboard program supporting day-to-day operations, enhancing project management and security
- Designed site leveraging GitLab APIs to visualize CI/CD lifecycle, vulnerabilities, and ongoing needs for ~70 projects
- Deployed application using various AWS tools and GitLab pipelines, while working in an Agile team environment

Leadership Experience

Pearl Hacks   **Chapel Hill, NC**
Executive Chair   *April 2022 – May 2025*
- Led team of 17 students to run annual beginner-friendly hackathon for ~350 female and gender non-conforming hackers
- Facilitated twice-weekly meetings, maintained long-term organization goals, and served as the club's primary liaison
- Managed budget of over $50,000, coordinated venue reservation and merchandise ordering, and planned 2-day schedule

Projects

[Domanu](#) (Python, FastAPI, Supabase, Figma, GitHub)   *December 2024*
- Collaborated three others to develop a React-based web app aimed at transforming the consumer shopping experience
- Engineered project backend, creating 4 project databases, building secure user authentication, and developing +25 APIs
- Served as project manager, managing client relations, maintaining project timeline, and writing detailed documentation

[CS Lab Productivity Tracker](#) (Python, TypeScript, SQL, FastAPI, Red Hat OpenShift, GitHub)   *December 2023*
- Designed and developed productivity tool consisting of a to-do tracker and productivity timer for on-campus CS Lab
- Worked in agile environment on backend features, including developing Task database and APIs to connect frontend
- Automated full-coverage API and database testing, updating tests throughout to reflect newly added features