

Srinithi Mohan

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EDUCATION

University of North Carolina at Chapel Hill

May 2028

Major: Computer Science, B.S. Physics Minor

Clubs/Organizations: Ram Robotics, UNC Competitive Hacking, Rams Hack, Women in Computer Science, The Daily Tar Heel

Relevant Coursework: Introduction to Programming, Discrete Structures

Hickory Ridge High School

May 2025

North Carolina School of Science and Mathematics

May 2025

PROFESSIONAL EXPERIENCE

Code With Klossy

March 2025 – August 2025

Instructor Assistant

- Facilitated web development curriculum delivery, classroom management, community building activities, and logistics for a camp of ~80 scholars. Reviewed daily feedback and metrics to modify instructional strategies in response to scholar data.
- Selected from a competitive pool of applicants exhibiting proficiency in one or more programming languages and a passion for empowering young women in STEM

Girls Who Code and athenahealth: Work Prep

May 2025 – June 2025

Apprenticeship

- Career exploration program with applied workshops on healthcare positions. Building projects with others that propose the best ways to utilize technology for Social Determinants of Health (SDoH) risk factors that include user-friendly technology, compatibility with systems, and creating models from SDoH data

Beaver Works Summer Institute: Cyber Operations

July 2024 – August 2024

Internship | Cambridge, Massachusetts

- Explored key concepts in graduate-level subjects such as networking fundamentals, SQL injection, steganography, reverse engineering, whaling and phishing attacks, side-channel attacks, adversarial machine learning, and system administration
- Gained proficiency in Bash, Ghidra, Wireshark, NMAP, OpenStego, Burp Suite

Summer Research and Innovation Program, Research in Computational Science

June 2024

Internship | Durham, North Carolina

- Conducted a small-scale research project as part of a 3 week on-campus program
- Utilized Python and tested machine learning models to find the optimal model for classifying stars into star types to advance the application of the Hertzsprung-Russell diagram

Other Experience: National Cyber Scholar with Honors, Code With Klossy Scholar: Mobile App Development and Web Development, Harrisburg Library Volunteer, ISC2 Certified in Cybersecurity, GIAC Foundational Cybersecurity Technologies

PROJECTS

PolicyPro

- Won North Carolina's District 12 Congressional App Challenge 2023 and TacoBell Ambition Accelerator Seed Winner 2024.
- Utilized Xcode and Swift to develop an interactive mobile application that takes Term and Condition agreements that users may find tedious to read in their entirety, and enforces machine learning to find highlights and summarizes agreement to users.

LEADERSHIP & AFFILIATIONS

Girls Who Code, Harrisburg, North Carolina

August 2023 – May 2025

President and Founder, Hickory Ridge High School

- Created and taught computer science principles and lessons to 30+ girls. Invited guest speakers, managed finances for engineering engagements, created a positive and uplifting environment for girls interested in technology

thinkers

June 2024 – May 2025

Teacher Assistant

- thinkers is a program led by a Technology Consultant at EY; offers fellowships to high-school aged girls interested in business and entrepreneurship
- Created social media posts to teach applicants about business principles, developed concepts for future lesson plans and activities

SKILLS

Language: Python, Java, HTML, CSS, Swift, JavaScript, R, Bash, SQL

Tools: Matplotlib, Mathematica, Stella, RStudio, scikit-learn, Figma, Canva, Replit, Github, Arduino Boards, VS Code, Xcode