

Kathleen C. Fort

katie_fort@outlook.com | (206) 457-7537 | www.linkedin.com/in/kathleen-fort/ | <https://katie-cooper.github.io/katie-cooper-fort/>

Education

University of North Carolina at Chapel Hill

GPA: 3.85 | Dean's List (6 semesters)

American Association of University Women STEM Scholar Award

Expected Graduation: May 2026

B.S. Computer Science | Minor: Data Science, Art Studio

Relevant Coursework:

Client-driven SWE (COMP 523): Agile methodologies, user stories, requirements gathering, iterative development with real clients

Business & Data Analytics (COMP 488): Market and competitor analysis, product ideation

Technical Skills:

Java, Python, C, JavaScript, TypeScript, HTML, CSS, SQL, MongoDB, Bootstrap, Angular, Flask, R, Data Structures, Data Analytics, Algorithms, Machine Learning, XAI, Object-Oriented Programming, Full-Stack Web Development, Git, Docker, mkdocs, Jira, Bitbucket, GitHub, Slack, Microsoft Teams, Figma, Discrete Mathematics, Statistics, Linear Algebra, Calculus

Professional Experience

Bank of America

Global Technology Software Engineering Summer Analyst | New York Metropolitan | Jun – Aug 2025

- Led a five-intern team to deliver an internal data visualization platform using Python; conducted usability testing and iterated on design based on user feedback. Presented technical deliverables to 150+ employees and stakeholders.
- Developed scalable APIs and dynamic query solutions for FlexService, supporting 25K+ monthly orders and expediting root cause analysis for distributed infrastructure. Gained exposure to product launch and hotfix processes.
- Utilized Jira for agile project management; authored technical specifications to support product launches and handoffs. Managed communications with team members and senior leadership, and balanced competing priorities to ensure on-time project delivery.

Life Science Data Analytics Research Group

Undergraduate Researcher | University College Dublin, Ireland | May 2024 – Present

- Designed and implemented machine learning algorithms (XG-Boost, Decision Trees, KNN imputation) to augment SOFA scores for early sepsis detection, improving patient survival rates by up to 37%.
- Developed interface for clinical applications, leveraging explainable AI and feedback to ensure usability and integration support.
- Presented research and software deliverables to academic leadership and stakeholders.

Mesur.IO

Data Analyst | Raleigh, NC | Jan – May 2024

- Enhanced data integrity by researching and analyzing global supply chains using Python for data-driven decision-making.
- Queried MongoDB datasets to uncover multi-tier connections and provide actionable insights for risk and product strategy.

Leadership & Community Involvement

UNC Department of Computer Science

Career Assistant | Aug 2025 – Present

- Advise and mentor 900+ undergraduates on professional development, including resume reviews and mock interviews.
- Coordinate large-scale career events and spearhead an initiative to increase student engagement and feedback.
- Design and update digital content for departmental outreach, including the weekly departmental newsletter and webpage.

Head of Community Teaching Assistant (TA), COMP 590: Foundations of Software Engineering | Jan – May 2026

- Served as the primary point of contact for TAs, gathering feedback to improve team dynamics and effectiveness
- Supported 200+ students by providing lecture assistance and office hours, assisting with full-stack web development content.
- Participated in collaborative software development using GitHub, including ticket boards, code reviews, and documentation.

Computer Science Experience Labs (CSXL) Ambassador | Aug 2025 – Present

- Facilitate experience labs, assist students and faculty, and coordinate programs to support the UNC Computer Science community.

Girls Who Code

Teaching Assistant | UNC-Chapel Hill, NC | Aug – Dec 2024

- Delivered in-person coding instruction to 20+ middle/high school students, focusing on foundational computer science concepts and problem-solving. Mentored 2 students 1-1 for additional skill development and direct support.

PearlHacks Major League Hacking

Team Leader & Volunteer | UNC-Chapel Hill, NC | Apr 2023, 2025

- Led a team of four in a 24-hour hackathon, designing and developing the 'SipSavers' app using HTML, CSS, JavaScript, and Figma; received feedback from industry professionals. Facilitated collaboration between participant teams, sponsors, and judges.

Alpha Delta Pi Sorority

Vice President of Finance | UNC-Chapel Hill, NC | Nov 2023 – Nov 2024

- Managed chapter finances and annual budget, presenting financial reports to executive leadership.
- Implemented an e-check payment initiative, reducing merchant fees and improving payment efficiency.