

BETTINA GEORGE

gobetti@unc.edu | (919) 923-5992 | [linkedin.com/bettina-george](https://www.linkedin.com/in/bettina-george) | github.com/BettinaGeorge | Chapel Hill, NC

EDUCATION

University of North Carolina at Chapel Hill | *Chapel Hill, NC*
Bachelor of Science in Computer Science and Information Science

Graduating May 2027
GPA: 3.79 | *Dean's List*

Relevant Coursework: Data Structures & Algorithms, Intro to Programming & Data Science, Object-Oriented Programming, Discrete Math, Calc. I & II, Linear Algebra, Intro to Cybersecurity, Modern Web Programming, Computer Organization, Systems Fundamentals, Intro to DB Concepts/Apps, Info Systems Analysis and Design, Algorithms and Analysis.

SKILLS AND INTERESTS

- **Programming Languages:** Python, Java, C, SQL, HTML/CSS/JavaScript/TypeScript
- **Frameworks & Libraries:** React, NodeJs, Flask, Pandas, Numpy, Seaborn, Matplotlib.
- **Technologies:** Git/Github, Docker, CLI, Tableau, DBeaver, Jira, Figma, FigJam, Adobe Creative Suite, Canva

RELEVANT EXPERIENCE

UNC Department of Computer Science | *Undergraduate Teaching Assistant (COMP 110)* *Aug 2025 - Present*

- Selected from 180+ applicants to mentor students in Python, debugging, and software development in an introductory programming course.
- Conduct weekly labs and office hours, simplifying complex concepts and improving student success through hands-on guidance.

Lowe's Tech Hub | *Software Engineering Intern* *May - Aug 2025*

- Refurbished a React/TypeScript/FastAPI website through continuous iterations, streamlining office navigation for 1.5K+ employees.
- Collaborated in Agile sprints with product managers, engineers, and designers to refine UI components and backend API integrations, translating evolving user stories into scalable features.
- Used DBeaver to validate PostgreSQL queries and debug schema issues, ensuring data integrity across application workflows.
- Ensured 95%+ test coverage via Cypress for end-to-end and component tests, ensuring consistent feature reliability.

Break Through Tech | *AI/ML Fellow* *May 2025 - Present*

- Selected from 3,000+ applicants for a national AI/ML program focused on industry-relevant machine learning, sponsored by Cornell Tech.
- Gained hands-on experience building and evaluating ML models using Python, Pandas, and Scikit-learn on real-world datasets; communicated findings through presentations focused on model performance and technical takeaways from classroom instruction.
- Completed 100+ hours of technical mentorship, and workshops with a national cohort of 1,000 fellows.

UNC School of Government | *Instructional Tech and Design Support Analyst* *Aug 2024 - Present*

- Designed and delivered interactive content for 500+ students using Canva LMS, Articulate Rise, Adobe Suite, and HTML/CSS.
- Automated feedback analysis with Python, accelerating content updates by 32% and boosting course completion by 25%.

Beats by Dre | *Customer Trends Research Extern* *Jul - Aug 2024*

- Led end-to-end research projects supporting product development using Python, Tableau, and Excel for data analysis and visualization.
- Guided product direction by automating data collection workflows and sharing customer insights through reports and presentations.

PROJECTS

Duolingo Watch Feature | *Duolingo Thrive APM Recruitment 2025* [Project Link](#)

- Designed/proposed a media-based language feature that integrates bilingual subtitles, vocabulary pinning, and interactive annotations.
- Created high-fidelity Figma mockups/UI flows, supported by a mock A/B testing plan to validate increasing user retention/engagement.

De-Impact Web App | *JP Morgan Code for Good Hackathon 2024* [Project Link](#)

- Collaborated with 6 others to create a web app that connects civilians with NGOs through a skill/interest-based matching system.
- Designed a seamless, user-centered interface using Figma and implemented the front end using React.js, TypeScript, and Tailwind CSS.
- Assisted in building a 60% matching compatibility algorithm with Java/Spring Boot/MySQL, boosting demo engagement by 25%.

FidPath | *Fidbacks Hackathon 2024* [Project Link](#)

- Collaborated with a team of four to develop an interactive financial literacy game for young women
- Developed and implemented 20+ financial scenarios, enhancing user interaction by 40% through targeted user testing with 30+ participants.
- Designed Figma mockups and led full-stack development of the UI using React.js for scalability

Diaspora Duo App | *Pearl Hacks Hackathon 2024* [Project Link](#)

- Led product ideation and UI/UX for an AI-driven web app supporting immigrant transitions through personalized recommendations.
- Developed Figma mockups, implemented HTML/CSS frontend; collaborated with backend team using Flask to deploy working MVP.
- Awarded Best DEI Hack by Fidelity and Best Use of AI by Infosys among 70+ competing teams.

LEADERSHIP & ACTIVITIES

- **SEO Career Prep:** Selected for 100+ hours of career coaching and software engineering training.
- **Black in Technology:** Project Development Chair; led technical team and event planning; increased student engagement by 32%.
- **African Student Association:** Events Planning Committee Member & First Year Liaison.
- **Other Memberships:** ColorStack, Rewrite The Code, Codepath, UNC CS+Social Good, AppTeam Carolina.