Elizabeth Chanda

336-263-2414 | ichanda73@gmail.com | www.linkedin.com/in/elizabeth-chanda | https://github.com/elizabethchanda27

EDUCATION

University of North Carolina at Chapel Hill — Chapel Hill, NC
Bachelor of Science in Computer Science — *Expected Graduation Date: May 2027*

TECHNICAL SKILLS

Languages: Python, Java, C++, R, SQL, HTML, JavaScript (JS), Typescript, CSS, Swift
Frameworks/Libraries/Software: React, CAD, NetLogo, Pandas, NumPy, Matplotlib, Arduino, Adobe, AWS, Power BI, Unity
Developer Tools: VS Code, NetBeans, Github, Git, Docker, Material UI, Firebase, OpenAI, Pinecone, Tableau, Excel, CoPilot
Mechanical: Underwater Remotely Operated Vehicles, 3D Printing, Soldering and Circuitry, Arduino, Electrocardiograms (BME)

EXPERIENCE

Data Curation Intern | *Python, Excel, QGIS, AWS, GeoPandas, Rasterio* — July 2025 - Present
Interlinked — *Remote*
- Overseeing Interlinked's real-time AI disaster response platform and predictive AI models by cleaning, validating, and normalizing satellite and environmental datasets (USGS, NOAA, NASA, and Cal Fire) using Python, Excel, and QGIS
- Creating structured metadata documentation and improved data ingestion workflows using AWS S3, AWS CLI, Github, VS Code, and internal versioning systems to accelerate risk assessment deployment for emergency agencies

Developer | *Figma, React, JS, PostgreSQL, Salesforce API* — September 2025 - October 2025
Deloitte Launchpad Program — *Chapel Hill, NC*
- Invented and demoed a centralized student organization platform prototype supporting 300+ UNC-CH organizations by implementing event workflows and role-based access to unify existing communication and resource tools into one ecosystem

AI/Tech Intern | *React, CSS, JS, RESTful API, OpenStreetMap* — July 2025 - September 2025
Tech Me Kid — *Remote*
- Building the entire front-end of TMK's event locator using React, JS, CSS, and RESTful APIs, creating filterable event components that improve accessibility for 10000+ older adults and 30+ sponsors across 5 international locations
- Incorporating an interactive map with OpenStreetMap for real-time location based event discovery & reusable UI assets

Technical Director | *React, Flask, Firebase, CSS, JS, BeautifulSoup* — January 2024 - Present
Asian American Studies Collaborative (AASC) — *Remote*
- Leading development of a website revamp and web-based data analysis platform to evaluate Asian & Asian American representation and resource accessibility across 280+ universities through interactive dashboards and visualization
- Developing a mobile app that web scrapes university faculty and departmental data from university websites, displays the database results through an interactive interface, and includes a secure portal for AASC directors (internal resources)

Project Team | *React, Typescript, JS, Figma, CSS, Docker* — February 2025 - May 2025
UNC CS for Social Good — *Chapel Hill, NC*
- Implemented the filtering system, UI, and core features for the organization page on Lemkin, an AI-powered platform working with human rights orgs and prosecutors to reduce case-building time by 60% and evidence processing costs by 40%
- Collaborated on the organization page's Figma prototype (cases, evidence profiles, members, and upload and access history)

Software Engineering Fellowship | *HTML, React, CSS, JS, Firebase* — July 2024 - September 2024
Headstarter AI — *Remote*
- Integrated the full-stack waitlist system, interactive dashboard UI, and integration of the AI features with the frontend for SynthoTime Autopilot, an AI-powered scheduling platform used by 100+ students to automate time management
- Constructed 5 AI-focused projects including a pantry app, AI chatbot, and flashcard SaaS with the use of OpenAI and Pinecone, while gaining foundational experience in applied AI development, model integration, and product design

PROJECTS

LeapSafe | CSS, Figma, Google Map API, JS, MongoDB, Nextjs, React — February 2025
- Presented and developed a web app that helps users find nearby gender-neutral bathrooms and alert nearby community members if they feel unsafe, featuring a crowd-sourced verification system for security and reliability
- Engineered the full front-end development (login, Google Maps, location dashboard, searching components, rating system), Figma prototype, integration of front-end with backend, and UI designs for future features of LeapSafe

Ment-Her (FidHacks, Fidelity Investments) | Python, HTML, JS, Flask, CSS — May 2024
- Promoted user experiences for women in their early career or university by designing the interactive Figma prototypes and front-end development for core features such as the mentor-mentee quiz, user dashboard, financial forums, and daily tips
- Communicated with judges and interested parties about the potential expansion of Ment-Her with feedback forms for mentees and mentors, sponsor events, improving match making algorithm, verifying qualifications, and increased app security