

# Elaine Dong

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## EDUCATION

**University of North Carolina at Chapel Hill**  
Chapel Hill, NC | May 2024

B.A. in Computer Science, B.S. in Information Science  
(Human-Computer Interaction concentration)

**GPA:** 3.97/4.00

**Honors:** Dean's List (all semesters), SILS Scholarship

**Relevant Courses:** Modern Web Development, User Interfaces, Foundations of Software Engineering, Files and Databases, Data Structures and Algorithms, Foundations of Programming, Web Design, Human Information Behavior, System Design and Analysis

## EXPERIENCE

**Summer Technology Intern** | Star EV  
May 2023 - Present

- Develop a mobile app to collect data on vehicle quality issues using **SwiftUI**.
- Design interface of dashboard display screens for new vehicle models to enhance user experience.
- Use **SQL** to generate business reports.

**Instructional UI Designer** | UNC School of Government  
Aug 2022 - May 2023

- Designed and developed educational web pages for the online MPA program using **HTML** and **CSS**.
- Created educational modules, materials, and infographics for instructors and students using **Photoshop**.

**Web Developer** | UNC Computer Science  
Aug 2021 - May 2022

- Worked with a team of 3 to maintain a full stack web application to track progress of 200+ Computer Science graduate students.
- Used **JavaScript** and **Bootstrap** for the frontend and **MongoDB** and **Express.js** for the backend.

**Graphic Design Director** | Social Games Club  
Jun 2018 - Present

- Create graphics for weekly, annual, and regular events using Photoshop for a community of 300+ members.
- Lead a team of designers and artists to create graphic assets for major club events.

## SKILLS

**Programming:** Python, TypeScript, SQL, JavaScript, Java, CSS / SCSS, HTML

**Frameworks and Libraries:**  
Angular, Bootstrap, React, Node.js, SQLAlchemy, FastAPI, RxJS

**Design:** wireframing, prototyping, graphic design, user research, usability testing

**Tools:** Figma, Git and GitHub / GitLab, PostgreSQL, MongoDB

## FEATURED PROJECTS

**Around the Block**

Design Lead | Mar 2023

- As a team of 3, researched, designed, and developed a website for artists seeking new challenges using **Angular**, **HTML**, **CSS**, **TypeScript**, **Python**, and **Figma**.

**Kappa Theta Pi Rush App**

UX Designer | Apr 2023

- Created a streamlined system prototype for students rushing for UNC KTP using **Figma**.

**CSXL Workshops**

Technical Lead | May 2023

- Led a team of 4 to develop a new workshops feature for CSXL's website using **Angular**, **TypeScript**, **RxJS**, **Python**, **SQLAlchemy**, and **Postgres**.

**Polaris Navigation**

Designer and Developer | May 2023

- Worked with a team of 5 to design and develop an accessible navigation web app using **Angular**, **Python**, **MongoDB**, and **Figma**.