

Emily Chen

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EDUCATION

Barnard College

B.A Computer Science GPA: 3.8

New York, NY

Sep 2021- May 2025

Courses: Intro to Databases, Clean Object Oriented Design, Advanced Programming, Data Structures in Java, Intro to Programming in Java, Computer Science Theory, Fundamentals of Computer Systems, Discrete Math

WORK EXPERIENCE

Google | Ads Team

Mountain View, CA

STEP Intern

May - Aug 2023

- Worked across Google Search and Google Ads to implement 2 recommendations end-to-end using **HTML**, internal closure templates, **CSS**, and **Java**, that will be used by **millions of advertisers**
 - Awarded peer bonus: “Your quick iteration, helpfulness to others, attention to detail and ability to pivot early in the project was invaluable and resulted in a great demo!”
- Improved a recommendation using **Typescript** to allow advertisers to edit and save recommended values
- Completed full stack development process from ideation & UX input, code implementation, automated testing, and manual QA before launch, ultimately contributing **4500+ lines** of code

Smarttwigs Software Consultancy

New York, NY

Technical Product Management Intern

Oct 2022 - Mar 2023

- Led **multi-disciplinary 5 person team** to develop project management component for social media web-app: created and prioritized **30+ Jira tickets**
- Wrote product specifications document for project management component in gherkin syntax, resulting in **5 new features**
- Analyzed and prioritized user pain points, learned about agile methodologies

WINii | FinTech Startup

New York, NY

Product Management Intern

Jun - Aug 2022

- Conducted weekly user interviews to collect data on user needs, **increasing data bank by 100%**.
- Organized social media plan and to reach target audience and **grow waitlist to 5k** by 2023
- Researched and analyzed **5 competing brands**, and Instagram, TikTok, YouTube algorithms.

PROJECTS

BookTrivia | Discord Bot

- Programmed bot using Java and Javacord API using questions from an online database.

SweetSuite (in progress)

- Java system that allows roommates to track and split common costs, tracking who one owes money to, for what item, and how much. Currently learning SQL to save the user's data.

EcoLiving | Kode with Klossy Mobile Development Camp (2022, 2 weeks)

- Collaborated with group of 3, implementing Swift, XCode, Git, User Research, and Apple's App Design Cycle to develop an iOS app, **EcoLiving**: a truth or dare game
- Made app **dynamic** by programming streak tracking function, notifications, date function, and random card generator that chooses from 32 cards.

LEADERSHIP & ACTIVITIES

REWIND | Digital Zine

New York, NY

Founder + Front-End Developer

Jun 2022 - present

- Sharing stories of women in STEM to inspire young women by compiling research and writing articles.
- Created a responsive 5 page site for content and direct email system using **Figma**, **HTML/CSS**

Athena Digital Design Agency

New York, NY

Front-End Developer

Jan 2022 - present

- Wireframed + designed business website for client on Wix, gathered + presented UX feedback weekly.
- Designing and implementing Figma prototypes to develop biannual websites using HTML and CSS
- Consulted on design and debugging for 3 peer projects in **HTML/CSS**, and Squarespace

Columbia Daily Spectator

New York, NY

Deputy Editor of Technology and Pop Culture

Oct 2021 - present

- Conducting interviews and producing monthly articles centered on technology, and pop culture, while managing 3 other writers and editing their articles.

TECHNICAL SKILLS

Programming/Tech: Java, HTML, CSS, Bootstrap, Git, basic Typescript + SQL (learning) basic Xcode + Swift