

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 (networking intro), Data Structures in Java, Intro to Programming in Java, 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 **Java**, internal closure templates, **CSS**, and **HTML**, that is now launched and used by **millions of advertisers**
- Implemented editing and saving functionality using **Typescript** to improve effectiveness of recommendations
- Completed **full stack development** process from ideation & UX input, code implementation, automated testing, and manual QA before launch, ultimately contributing **4500+ lines** of code
- Awarded **peer bonus** for delivering exceptional value through rapid iteration, assisting team members, meticulous attention to detail, and adaptability, resulting in a successful project demonstration and launch.

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

[Art Connect](#) | Full-stack Web Application (in progress)

- Programmed application to connect local artists with customers using **Python, Flask, Javascript, HTML**

[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. Using SQL + Flask to build a database for users to save and retrieve data..

[EcoLiving](#) | Code 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, and random card generator that chooses from 32 cards.

LEADERSHIP & ACTIVITIES

Barnard Computer Science

New York, NY

Computer Science Tutor

Sep 2023 - present

- Tutor 5+ students weekly in Java, Data Structures and Algorithms resulting in **20% grade improvement**

Athena Digital Design Agency

New York, NY

Front-End Developer + Board Member

Jan 2022 - present

- 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, Media, and Pop Culture

Oct 2021 - present

- Managing 3 writers, editing over 5 weekly articles, and conducting interviews to produce monthly articles centered on technology, and pop culture at Columbia University, Morningside Heights, and West Harlem.

TECHNICAL SKILLS

Programming/Tech: Java, PostgreSQL, basic Typescript, Flask, HTML, CSS, Bootstrap, Git, Swift