

Nina Chen

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EDUCATION

Harvard University

Cambridge, MA

B.A. in Computer Science and Secondary in Statistics, GPA: 3.8 (cum laude)

Sept 2017 - May 2021

- Relevant Coursework: Data Structures and Algorithms, Advanced Topics in Data Science, Systems Programming and Machine Organization, Introduction to Machine Learning (MIT), Abstraction and Design in Computation, Computer Graphics, Research Topics in Human-Computer Interaction, Design of Useful and Usable Interactive Systems

Brooklyn Technical High School

Brooklyn, NY

- Honors: Valedictorian, National Merit Finalist, National AP Scholar

Sept 2013 – Jun 2017

WORK EXPERIENCE

Google

(Remote) Sunnyvale, CA

Software Engineer Intern

May 2020 – Aug 2020

- Worked on a cross-functional team to design and build a tool to analyze machine learning models in Payment Risk team
- Implemented new backend APIs and database interfacers using Java and connected different backends
- Designed and implemented a complex UI to display different models, experiments, and features data using Angular

Google

New York, NY

Engineering Practicum Intern

May 2019 – Aug 2019

- Worked on a cross-functional team to design and build enhancements to an internal analytics dashboard using Typescript and Angular
- Implemented a complex UI with preview, saving, and error checking using RxJs, NgRx, and Firestore for storage
- Designed and implemented complex material design-like stepper form with validation and backed by firebase

Harvard Student Agency Dev

Cambridge, MA

Software Engineer

Dec 2017 – Oct 2018

- Worked on a cross functional team including design, PM, etc. to build iOS/Android applications and websites
- Designed and implemented multiple web applications using JavaScript and React/React Native frameworks
- Gained proficiency in Nodejs, MongoDB, SQL, and GraphQL for interaction with the backend

LEADERSHIP & ACTIVITIES

Harvard CS50

Cambridge, MA

Teaching Fellow

Sept 2019 – Dec 2020

- Taught CS50 (Introduction to Computer Science) at Harvard College as a section leader
- Earned the Harvard University Certificate of Distinction in Teaching award for excellence in teaching in Fall 2020

HackHarvard College

Cambridge, MA

Technology Director

Sept 2018 – Sept 2020

- Planned, managed, and ran the first All-Ivy Remote Hackathon
- Coordinated with Big Red Hacks, HackDartmouth, DevHacks, HackPrinceton, and Hack@Brown
- Organized hacker experiences and built an [website](#) for marketing the hackathon to other schools

PROJECTS

Harvard University

Cambridge, MA

Human-Computer Interaction Independent Research

Jan 2020 – May 2021

- Co-conducted study of different interfaces for the automated management of email harassment using artificial intelligence to investigate what degree of intervention email users prefer when navigating the email platform
- Published “[Evaluating Automated System Interventions Against Email Harassment](#)” as a finalist in the CHI 2021 Student Research Competition and as a poster in the IUI 2021 Conference
- Published “[Evaluating the Interpretability of Generative Models by Interactive Reconstruction](#)” with an Honorable Mention award at ACM CHI, 2021 under Professor Glassman, Professor Finale, and Andrew Ross

Under the influence - A visual story on global alcohol consumption and abuse

Sept 2020 – Dec 2020

- Collaborated as a team of three on an [interactive visualization web page](#) using JavaScript and D3 to explore the impact of alcohol abuse in the United States and across the world
- Awarded as the [runner up best project](#) by the course staff

SKILLS & INTERESTS

Skills: Python (proficient), JavaScript (proficient), C++ (proficient), C (proficient), Java (proficient), Angular (proficient), React (proficient), React Native (proficient), Flask (proficient), SQL (proficient), OCaml (prior experience)