

# Jared Ni

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## Education

### Harvard University

*Bachelor's in Computer Science. GPA: 3.84/4.0*

Cambridge, MA

Aug. 2021 – May 2025

- Relevant Coursework in computer systems and design, algorithms, full-stack SWE, OOP, abstraction and functional programming, statistics, linear algebra, discrete math, etc.
- Member of the Harvard Computer Society, Technology Associate at The Harvard Crimson.

## Experience

### Fidelity Investments

#### *Software Engineer Intern*

Boston, MA

June 2022 – Aug. 2022

- Created Java Spring Boot backend service that fetches and processes channels, members, and conversations data from Microsoft Teams to store into database and display on the company UI to wider groups of users in real time.
- Designed and implemented multi-threaded scheduler bash processes that exponentially increased the time efficiency of data delivery.
- Configured automation testing and Java Code Integration for the service using the Karate framework, established CI/CD pipeline; wrote extensive JUnit and endpoint tests to ensure code quality and coverage.

### Arda

#### *Software Developer (Android)*

Cambridge, MA

Oct. 2021 – Present

- Worked on Arda Deliver, a mobile healthcare application that allows clinics in rural Gambia to request vaccine supplies within the national healthcare supply chain via drone delivery.
- Built frontend components and layouts using Java and Kotlin, designed UI/UX using Figma, and worked with user authentication and data storage using AWS Amplify.

## Technical Skills

**Languages:** Python, Java, JavaScript, C/C++, SQL, HTML/CSS, XML, OCaml.

**Technologies:** React, React Native, Redux, Node.js, Flask, Spring Boot, Firebase, MongoDB, AWS, Git, Bootstrap.

## Relevant Projects

### Personal Website

Aug. 2022 – Aug. 2022

- Designed and created a personal portfolio website using React, CSS, Heroku, and MongoDB.

### 2022 Datamatch Web App

Oct. 2021 – Feb. 2022

- Built a survey-based matchmaking service for students at Harvard and 42 other colleges. Generated 235k matches and had 52k active users in 2022.
- Implemented the business logic and frontend of the chat and user search components using React, built database infrastructure with Firebase Cloud Functions.
- Designed and engineered the “Red Flags” feature that improves user interaction by providing post-survey feedbacks and enabling sharing of survey results to social media.

### Napchat

Nov. 2021 – Dec. 2021

- A social media web app that encourages healthier sleep schedules by allowing users to log sleep hours and compete with friends for weekly sleep score rankings.
- A personal project built using Python Flask, Firebase, JavaScript, CSS/ HTML, and deployed to Heroku.

### Pathway STEM Camp

May 2020 – Sept. 2020

- Launched a free, virtual summer camp in 2020 for low-income middle and high school students.
- Organized classes for 50 students, developed 7 curriculums, recruited and managed 15 volunteers, and tutored Python programming, math, and sciences every week for three months.