

KELVIN YIP

Yale CS senior seeking full-time software engineering roles.

(347) 849-8941 | kelvin.yip@yale.edu | [linkedin.com/in/kelvin-yip7](https://www.linkedin.com/in/kelvin-yip7) | github.com/KelvinYippy | New York

EDUCATION

Yale University | B.S. Computer Science | New Haven, CT May 2024

- Coursework: Systems Programming, Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, Databases, Artificial Intelligence, Computer Vision, Computer Graphics, Machine Learning

EXPERIENCE

Altea Healthcare | *Software Engineer Intern* June 2022 - Present

- Implemented suite of revenue cycle management tools using React and C#, including an insurance and chronic care management dashboard, surfacing crucial cash flow information
- Built generic tree selector in React, transforming permissions management for 80+ facilities and their patients
- Improved ease of clinical documentation of patients by developing single/multi-select feature in TypeScript
- Deployed .NET REST API endpoints for physician signatures to reduce administrative burden

Stealth Startup | *Software Engineer Intern* March 2022 - September 2022

- Scraped content across 200+ news outlets using BeautifulSoup library, enhancing accuracy of suggestion software
- Standardized Python scraper codebase using object-oriented programming paradigm, increasing code readability

Trova | *Software Engineer Intern* January 2022 - June 2022

- Optimized mobile sign-up flow and UI using TypeScript and AngularJS, significantly improving user experience
- Designed and deployed in-app tutorial as a reusable modal component
- Implemented feature to integrate in-app events with Google and Outlook calendars of users

Swift Spot | *Software Engineer Intern* November 2020 - December 2021

- Created mobile application with CTO for listing, searching, and renting parking spots
- Designed and built 50+ reusable React Native components and pages utilizing the AWS GraphQL API
- Integrated with HERE API to build map feature resulting in improved transparency of exact parking locations

LEADERSHIP

Yale Computer Society | *President, then Senior Advisor* October 2020 - Present

- Led premier computer science club with 120+ active members, 7 software projects, events and design teams
- Organized a series of work sessions and Software Engineering professional panels, improving club attendance
- Created REST API endpoints with Express and Prisma ORM model instances for YaleButteries mobile-order app

Yale Entrepreneurial Society Internship Program | *Frontend Developer* June 2021 - December 2022

- Built recruiting dashboard using React to enhance interface of over 25 startup applications
- Streamlined recruiter-applicant matching via filtering, sorting, assignment, and customization JavaScript features
- Reduced technical debt in frontend codebase with generic file input, modal, and table components

PROJECTS

Soccer Match Simulator April 2022 - Present

- Developed Python script with BeautifulSoup library and object-oriented programming to simulate soccer matches
- Built React interface calling on FastAPI endpoints to improve user experience of interacting with the simulator

SKILLS

- *Technical:* JavaScript, TypeScript, React, React Native, Python, HTML, CSS, C#, Express, MongoDB, Vue, C
- *Professional:* Github, Jira, Agile, Excel, PowerPoint, Public Speaking, Leadership, Problem Solving