

# Ken Yun

Ridgefield Park, NJ | [yunhaen@gmail.com](mailto:yunhaen@gmail.com) | 551-587-2728 | [linkedin.com/in/ken-yun](https://linkedin.com/in/ken-yun)  
[github.com/KenYunNot](https://github.com/KenYunNot)

## Education

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### Stevens Institute of Technology

Bachelor of Science in Computer Science

Hoboken, NJ

Aug 2019 - May 2023

- **GPA:** 3.507/4.0
- **Coursework:** Data Structures, Algorithms, Discrete Structures, Software Development Process, Project Management, Database Management Systems, Web Programming, Web Programming II

## Skills

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**Frontend:** React.js, TypeScript, JavaScript, Next.js (Pages/App), HTML/CSS, Tailwind CSS

**Backend:** Node.js, Express.js, MongoDB, PostgreSQL

**Tools:** Git, VSCode, Postman, Vercel, Docker

**Other Skills:** RESTful APIs, Agile Development, Python, C/C++

## Experience

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### Front End Intern, AdvisorWorld – Fort Lee, NJ

Mar 2024 - June 2024

- Managed the front end for several Next.js Pages applications in an Nx monorepo using PayloadCMS (a Next.js framework), TypeScript and Tailwind CSS
- Improved quality of life for site administrators by implementing multi-tenant structure, a custom global resource filter, and granular access control into the admin page
- Created a better experience for end users by integrating search feature for articles using Algolia and designing custom front end components using shadcn/ui

### Course Assistant, Stevens Institute of Technology – Hoboken, NJ

Sept 2021 - Dec 2021

- Improved the turnaround time for grading significantly by creating the solution sets for labs and homework assignments to be used by other course assistants
- Guided struggling students and consistently received the most traffic during office hours by encouraging any and all questions and helping most students see a full letter grade improvement

## Projects

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### Joyce Meimei Zheng Website

Jan 2025 - Present

- Created a full-stack web application for an aspiring actor to post career updates with Payload CMS (a Next.js framework), TypeScript, Tailwind CSS, and MongoDB
- Integrated UploadThing CDN storage to store images, files, and other forms of media to display on the website
- Deployed live application to Vercel with custom domain name

### Custom Chessboard

Jan 2025 - Present

- Created custom chessboard component using Chess.js for move validation and dnd-kit for drag and drop interactions
- Added square highlighting and arrow drawing inspired by Chess.com's board UI

### Simple Pokedex v3

Sept 2024 - Oct 2024

- Developed a full-stack web application to display paginated data about Pokemon with Next.js App Router, TypeScript, and Tailwind CSS
- Pulled data from a publicly available REST API (PokeAPI v2) and integrated Prisma ORM with Vercel Postgres database
- Designed the page to be responsive for all screen sizes and deployed live application to Vercel