

# Kenneth Chen

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## EDUCATION

**Northeastern University**, BS in Computer Science

September 2021 – May 2025

- **Honors:** Dean's Scholarship, Dean's List, GPA: 3.95/4.0
- **Relevant Coursework:** Discrete Structures, Algorithms and Data Structures, Computer Systems, Database Design, Object Oriented Design, Programming in C++, Networks and Distributed Systems, Web Development, Theory of Computation, Programming Languages, Software Engineering

## EXPERIENCE

**Software Engineer @ State Street Corporation** | Boston, MA

July 2024 – December 2024

- Designed DevOps environment under strict regulatory industry standards
- Architected and engineered an internal full-stack application using Go and TypeScript

**Software Engineer @ VUE Health** | Boston, MA

July 2023 – December 2023

- Worked closely alongside the design/accounts teams to develop tailored marketing campaign deliverables
- Designed and implemented back-end services using AWS (Datastore, S3, Beanstalk, PubSub) and Next.js

**CS3200 Teaching Assistant @ Northeastern University** | Boston, MA

January 2023 – May 2025

- Worked closely with faculty to prepare, review, and grade assignments and exams for CS3200 (Database Design)
- Hosted office hours and assisted students with coursework involving relational algebra, RDBs, SQL, and project support involving python (Flask API), Docker, and more

**Freelance Software Engineer** | Virtual

July 2023 – December 2023

- Developed projects for clients through [freelancer.com](https://www.freelancer.com) including but not limited to: scripts, browser extensions, plugins, websites, mobile apps, smart contracts
- Worked extensively with advanced back-end architectures involving cybersecurity, data storage, and more

## PROJECTS & ACTIVITIES

**Personal Website** | React.js, Vite

[github.com/kennybc/kenny-portfolio](https://github.com/kennybc/kenny-portfolio)

- [kenny.us](https://kenny.us) explores notable personal projects in detail and gives valuable insight into work and character

**Multi Key Bindings** | Java, Yarn

[github.com/kennybc/multi-key-bindings](https://github.com/kennybc/multi-key-bindings)

- A Minecraft mod that allows players to bind a single key to multiple actions. Has a large user base, averaging 20-30 downloads per day on [modrinth.com](https://modrinth.com)

**GitMarks** | Go, React.js, Vite, AWS, K8s, Terraform

[github.com/NUSpecialProjects/gitmarks](https://github.com/NUSpecialProjects/gitmarks)

- A feature-rich code grading platform—extending the concept of GitHub Classroom to deliver an academia-to-industry submission model for students. Commissioned by Northeastern University

**Ing2Vec** | Python, Huggingface, NumPy

[github.com/kennybc/ing2vec](https://github.com/kennybc/ing2vec)

- A project for embedding ingredients for ML training purposes. Involves scraping web recipes, parsing and tokenizing ingredients, and using node2vec algorithm to embed in a vector space

**Cooking Club @ Northeastern University**

September 2023 – May 2025

- Founding president of the cooking club at Northeastern University

## SKILLS

**Programming Languages:** Java, TypeScript, PHP, Python, C, C++, Rust, Go

**Technologies:** HTML, CSS, SQL, Git, Docker, React.js, AWS, MongoDB, Kubernetes, Terraform

**Additional Languages:** Mandarin

## INTERESTS

Running, Lifting, Cooking, Cocktails, Chess, Painting, Volleyball, Braised Ribs