

# Kenneth Chen

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## EDUCATION

**Northeastern University** | Khoury College of Computer Sciences

September 2021 – Present

- **Honors:** Dean's Scholarship, Dean's List, GPA: 3.95/4.0
- **Candidate:** Bachelor of Science Degree in Computer Science May 2025
- **Relevant Coursework:** Discrete Structures, Algorithms and Data Structures, Computer Systems, Database Design, Object Oriented Design, Logic and Computation, Programming in C++, Networks and Distributed Systems, Web Development, Theory of Computation

## WORK EXPERIENCE

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

July 2024 – Present

- Design DevOps environment under regulatory industry standards with Github, Jenkins, JFrog, and SonarQube
- Engineer an internal full-stack application using Java and TypeScript

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

July 2023 – December 2023

- Worked closely alongside the design/accounts teams to develop tailored marketing campaign services
- Leveraged React, Node, 11ty, Tailwind, and Google Web Designer for front-end tasks
- Implemented back-end and database designs using AWS (Datastore, S3, Beanstalk, PubSub), SQLite, and Next.js
- Simplified and optimized legacy codebases for vast performance boosts and documentation improvements

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

January 2023 – May 2024

- Worked alongside 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 more

**Freelance Software Engineer** | Virtual

July 2015 – June 2022

- Developed projects for clients through [www.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**

August 2022

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

**Huskerly**

August 2024

- Developed a feature-rich real-time messaging platform following a microservice architecture. Deployed using Kubernetes on AWS through a Github Actions CI/CD pipeline and Terraform for infrastructure-as-code

**Reddit Nuker**

November 2023

- An actively updated chrome web extension allowing bulk actions on Reddit with over 1 thousand weekly users and a 4.7/5.0 star rating. Supports bulk deletion of comments and posts using Reddit API and OAuth

**Ing2Vec**

September 2023

- 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**

September 2023 – Present

- President and founder of the cooking club at Northeastern University; responsible for overseeing the organization, onboarding, event planning, and other administrative tasks

## SKILLS

**Programming Languages:** Java, TypeScript, PHP, SQL, Python, C, C++, Solidity

**Technologies:** HTML, CSS, Git, Docker, React.js, Node.js, web3, AWS, MongoDB, Kubernetes, Terraform

**Additional Languages:** Mandarin

## INTERESTS

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