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](http://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](http://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

**Braised ribs**