

Kevin (Kein) J.H Li

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EDUCATION

University of Pennsylvania

Master's in Computer and Information Technology (Computer Science), GPA: 3.6/4.0

Philadelphia, PA

Expected May 2025

Relevant Coursework: Algorithms and Computation, OS, Computer Networks, Database Systems

Northeastern University

Bachelor's in Mechanical Engineering

Boston, MA

May 2016

EXPERIENCE

Software Engineer Intern

Jun. 2024 – Present

Syska Hennessy Group

New York, NY

- Architected and developed a smart building platform with a Go backend using interfaces and dependency injection, integrated with a Vue.js and Tailwind CSS frontend built from 20+ Figma wireframes
- Implemented REST API endpoints with features such as pagination, filtering, and sorting for 2000+ records, optimizing data handling by reducing server load and enhancing user experience
- Developed 15+ Go ORM models using GORM for PostgreSQL, configuring database operations and improving code maintainability. Achieved a 20% reduction in database-related code and simplifying future updates
- Containerized multiple application services with Docker to standardize development environments and reduce dependency issues across team members
- Created a project intake and task management dashboard using Flask, HTMX, and AlpineJS with server-side rendering, enabling engineers to efficiently manage project-specific tasks with a personalized dashboard
- Wrote Python scripts to parse and transfer data from Excel sheets (totaling 1000+ rows) into an Airtable database, reducing manual data entry and enabling ongoing automation for future data updates
- Utilized Azure DevOps for agile scrum development, completing 10+ user stories and achieving a 95% on-time sprint completion rate through effective daily stand-ups and sprint management

Teaching Assistant - Data Structures and Software Design

Aug. 2023 – May 2024

University of Pennsylvania

Philadelphia, PA

- Conducted weekly 1-on-1 office hours, engaging an average of 8+ students per session addressing homework issues
- Graded 20+ weekly homework assignments and provide feedback for each assignment

Software Engineer Intern

Dec. 2022 – Mar. 2023

Arlite Technology

New York, NY

- Developed a user dashboard system with React.js and Node.js to allow 30+ employees to track assigned tasks
- Created 7+ Express.js REST API endpoints and designed 2+ PostgreSQL database schemas for data management
- Refactored 80% of legacy HTML/CSS code into 4+ React.js components, enhancing the code-base modularity

Project Engineer

Jan. 2020 – Mar. 2023

Clifford Dias Consulting Engineers

New York, NY

- Managed project life-cycles amongst a diverse team of 5 project designers to deliver 15+ project proposals
- Designed a project templates library, reducing administrative tasks by 50% across multiple projects

PROJECTS

PawNotes | *Go, Vue.js, PostgreSQL, Docker* | [Github Link](#)

- Built a web application designed for pet owners to document their dog's moments, weight, and vaccine status

Breezy | *Swift, SwiftUI, MapKit, CoreLocation* | [Github Link](#)

- Developed an iOS air quality app allowing users to monitor both real-time and historical air quality metrics, such as AQI(1-5) and 6 key pollutants, based on the user's current location

calorieHub | *Swift, SwiftUI, SwiftData, HealthKit* | [Github Link](#)

- Created a nutrition and health iOS mobile app, enabling users to log and monitor daily food intake and activity

TECHNICAL SKILLS

Languages: Swift, Python, Go, SQL

Frameworks/Technologies: SwiftUI, Flask, Vue.js, PostgreSQL, Docker, HTMX, Tailwind CSS, Alpine.js