

Justin Chen

New York, NY

732-331-8174 | juchen3637@gmail.com | [linkedin.com/in/jjustinchen](https://www.linkedin.com/in/jjustinchen) | github.com/juchen3637 | justinchen.vercel.app

EDUCATION

Stevens Institute of Technology Hoboken, NJ
M.S. Computer Engineering Sep 2024 - May 2025

Stevens Institute of Technology Hoboken, NJ
B.S. Computer Engineering Sep 2021 - May 2024

EXPERIENCE

The Evaluation Company New York, NY
Associate Software Engineer Apr 2025 - Present

- Developed LLM-powered document-processing pipelines integrated with Salesforce APIs and AWS EC2-based automation services, enabling automated transcript evaluation, translation, and data extraction for 200+ daily cases and reducing external vendor costs by \$13K/month.
- Designed and deployed AWS CDK infrastructure for a multi-access portal serving internal staff, applicants, and university partners; implemented CI/CD automation, networking, security, and core services (RDS, S3, ElastiCache, ECS/App Runner).
- Implemented FastAPI backend API using repository pattern with SQLAlchemy ORM, integrating multiple LLM providers for document classification and automated evaluation workflows. Implemented asynchronous task processing with ARQ and Redis for long-running document analysis and PDF generation operations.

Colgate-Palmolive Piscataway, NJ
Software Engineering Intern Jun 2024 - Mar 2025

- Resolved 25+ complex frontend and backend Jira tickets, optimizing system responsiveness and user experience for desktop and mobile interfaces.
- Spearheaded the development of shopping cart and mini-cart components using AngularJS and TypeScript, streamlining the purchasing workflow.
- Amplified customer engagement and sales through UX/UI enhancements and seamless navigation improvements.

PROJECTS

Resume Editor | cura-resume.vercel.app

- Developed an AI-powered resume tailoring platform using Next.js 14, TypeScript, and Anthropic Claude API, enabling users to generate job-specific resumes from a master profile with intelligent content curation and keyword optimization
- Architected a multi-tenant SaaS application with Supabase PostgreSQL, implementing Row-Level Security policies across 8 tables, real-time data synchronization via TanStack Query, and persistent client-side state management with Zustand
- Built an interactive resume editor with live preview, inline AI suggestions system, and PDF parsing via Claude Vision, reducing resume customization time by automating job description analysis and experience selection

Visualize Emissions | visualize-emissions.vercel.app

- Led the development of a cutting-edge emissions tracking system visualizing Scope 3 emissions produced by university commuters, aiding sustainability efforts.
- Architected a scalable web application using React.js, Tailwind CSS, JavaScript, TypeScript, Next.js, Node.js, MongoDB, Google Directions API, and MapBox API
- Developed an interactive data visualization dashboard, enabling stakeholders to assess and reduce carbon footprints.

SKILLS

Languages: Python, JavaScript, TypeScript, C++, Java

Frameworks and Libraries: React.js, Node.js, Express.js, Angular, Next.js

Developer Tools: PostgreSQL, Git, AWS, Docker, CI/CD