

Jason Huang

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EDUCATION

BS Computer Science | BS Economics

Rutgers University – New Brunswick

Jan 2026

New Brunswick, NJ

Relevant Coursework (CS): Systems Programming, Software Methodology, Computer Architecture

Achievements: Dean's List Recipient (every semester), EOF Scholar

PROFESSIONAL EXPERIENCE

Software Engineer Fellow

Headstarter AI

7/2024 – 9/2024

Remote

Next.js, OpenAI, Firebase, MaterialUI, ReactJS, Pinecone, StripeAPI, Clerk, Git, GitHub

- Collaborated w/ team of 4 using **Agile** and **MVC** principles to improve development and project organization
- Contributed to the design, development, and deployment of 3 responsive web applications, increasing user satisfaction by 30% and application speed by 25%
- Boosted app performance by 35% through refactoring and database query optimization, improving load times and responsiveness
- Received coaching from engineers at Amazon, Bloomberg, and Capital One on **CI/CD**, **Agile**, and microservices

PROJECTS

TimeMesh ([Live Demo](#))

7/2024 – Present

ReactJS, Node.js, Django, TailwindCSS, Vercel, Postgres, Render, Docker, Google OAuth, Postman

- Led full-stack development, contributing to a 40% increase in user engagement and a 30% improvement in feature delivery speed
- Deployed frontend and backend components, achieving 99.9% uptime, reducing deployment errors by 20%, and cutting deployment costs by 90%
- Introduced containerization, streamlining deployment processes and reducing setup time by 50%
- Integrated user authentication, enhancing login efficiency and security, reducing development time by 25%, and improving user login success rates by 15%

csRU

11/2023 – Present

ReactJS, FastAPI, Python, Docker, Postman, Postgres

- Reduced backend response times by 30% through API optimization
- Cut setup time by 50% and ensured consistent deployments with Docker
- Increased API reliability by 20% and reduced post-deployment bugs by 15% using a comprehensive testing suite
- Enhanced frontend responsiveness by 25% with ReactJS optimizations

RMP AI Assistant

11/2023 – 12/2023

Typescript, JavaScript, Pinecone, Firebase, MaterialUI, NextJS, Vercel, OpenAI

- Integrated vector-based search and **RAG** pipelines, increasing content relevance by 35% for user requests
- Leveraged web scraping to append professor profiles to the vector database, boosting relevance by 50%

EXTRACURRICULAR

Coding Mentor

9/2022 – Present

Cybertigers 8075 – High School Robotics Team

Dover, NJ

- Mentored 20+ high school students in coding principles and practices
- Implemented project-based learning, resulting in a 15% improvement to students coding aptitude
- Implemented strategies to promote inclusivity, resulting in 20% more females within the team

CERTIFICATIONS

AWS Intro to Cloud 101, AWS Getting Started with Security, AWS Getting Started with Networks