

Jeremy Nguyen

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Education

University of California San Diego

Bachelor of Science in Mathematics and Computer Science, Minor in Cognitive Science

Expected Jun 2025

La Jolla, CA

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, HTML, CSS, Rust, C, SQL, LaTeX

Technologies: React, Node.js, AWS, Git, Express, REST APIs, MongoDB, GraphQL, Next.js, Docker, Flask, Sass

Work Experience

Software Engineering Intern

Jun 2023 – Aug 2023

Nike, Inc.

Beaverton, OR

- Spearheaded the comprehensive upgrade of Nike's Web Shell Next from Next.js 10 to 12, streamlining application performance and broadening feature compatibility for critical Nike.com experiences
- Conducted a meticulous examination and documentation of Next.js versions 11 and 12 dependencies and features, equipping the team with a robust understanding for their application in future developments
- Engineered a beta version of Web Shell Next using Next.js 12, setting up a scalable foundation for rigorous testing and innovative feature implementation
- Executed a seamless upgrade of both server-side rendered and static experiences on Nike.com, utilizing AWS for efficient deployment and ensuring optimized utilization of Next.js 12 features

Software Engineering Intern

Jun 2022 – Aug 2022

CoStar Group

San Diego, CA

- Collaborated in Agile Scrum team to develop new solution for QA team to review recommendation engine for properties in Homes.com
- Developed performant single-page application frontend in React with modular component-based architecture
- Implemented AWS Lambda serverless functions in Node.js to handle authentication and review requests by fetching and storing data through NoSQL DynamoDB database
- Deployed various microservices with REST API endpoints in API Gateway, AWS Lambda, and DynamoDB through CloudFormation template scripts

Projects

Integra | React, Next.js, GraphQL, Express, Node.js, MongoDB

Sep 2022

github.com/jeremynguyencs/integra

integra.vote

- Created full-stack web application to visualize and display data for local government officials aggregated from various sources
- Constructed React and Next.js frontend to handle routing, state management, and processing user input to send requests to backend
- Developed GraphQL API through Apollo and Express backend server to handle requests with specific arguments by fetching data through Prisma ORM and MongoDB database in addition to various REST APIs data sources
- Deployed the client and server with continuous integration (CI/CD) pipeline through monorepo configuration, GitHub Actions, and Docker

Certifications

AWS Certified Cloud Practitioner | Amazon Web Services

Jul 2022