JONATHAN YUNG-HSIN HO FULL-STACK SOFTWARE ENGINEER

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SKILLS AWS Certified Cloud Practitioner | HTML5 | CSS3 | JavaScript ES6 | ReactJS | Vue.js | Angular
Redux | Apollo | Node.js | Express | Python | SQL | NoSQL | GraphQL | Prisma | Git

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PROJECTS

QualityHub + InterviewQ
REACT | APOLLO CLIENT | GRAPHQL-YOGA
Gig economy hub connecting job seekers with career coaches

- **Full-Stack Web Developer** on 9-person remote cross-functional team with two UX developers and six other FS developers, communicating via Slack and Zoom
- Iterated features for all aspects of project: back-end microservices, gateway, front-end application
- Implemented Apollo Client state management system for declarative and precise data fetching and caching
- Utilized GraphQL-Yoga + Prisma and Apollo Federation and Apollo Gateway to coordinate back-end microservices

GitHub: project repos

JAMbda Treasure Hunt
REACT | CONTEXT API | DJANGO
Multi-User Dungeon RPG demonstrating computer science principles including Algorithms and Data Structures, Blockchain, Graph Theory, and Computer Architecture

- **Front-End Developer** on 3-person remote cross-functional team with Django developer and data scientist
- Implemented Context API to centralize state management
- Designed game map to dynamically render game graph
- Implemented navigation and game logic to handle asynchronous data requests with sleep requirements
- Composed custom hooks to access back-end data and game server endpoints reinforcing DRY code principle

GitHub: project repos

International Child Nutrition Status Tracker
REACT | CONTEXT API | NODE-EXPRESS
App organizes data for global child malnutrition nonprofits

- **Front-End Framework + Node Back-End Developer** on 4-person remote cross-functional team with one web UI developer and two front-end developers
- Coordinated front-end development team
- Implemented Context API to centralize state management
- Designed and built Express-Node back-end API using REST architectural patterns with full authentication/authorization

GitHub: Front-End | Back-End

Additional projects available upon request

EXPERIENCE

Quicken Loans   May 2020-Present
ASSOCIATE SOFTWARE ENGINEER

- Solve problems by crafting software solutions using maintainable, testable, and modular code
- Collaborate within team by participating in code reviews, pairing sessions, architecture discussions, and planning ceremonies
- Write robust, testable code, along with unit, functional, acceptance and/or user tests to validate every change

Wicked Sovereign   July 2007-July 2010
DESIGNER & PROGRAMMER

- Co-founded Flash-based web design company
- Designed interactive web pages in Adobe Flash
- Built and maintained WordPress sites

CERTIFICATION

AWS Certified Cloud Practitioner   Issued May 2020

- Amazon Web Services (AWS)
- Expires May 2023

EDUCATION

Lambda School   July 2019-May 2020
FULL-STACK WEB DEVELOPMENT & COMPUTER SCIENCE
9+ month online CS & Software Engineering Academy providing an immersive hands-on curriculum with a focus on computer science, software engineering, & web development

Brooklyn College   June 2005-Sept 2007
M.S.E. MIDDLE CHILDHOOD MATH EDUCATION

University of Michigan   Sept 2000-Apr 2005
B.S.E. MECHANICAL ENGINEERING & B.A. ENGLISH LIT