

# JONATHAN YUNG-HSIN HO FULL-STACK WEB DEVELOPER

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## SUMMARY

Full-Stack Web Developer focused on emerging technologies and ed tech.  
12+ years experience in public, alternative, and democratic education.  
Proven leader with the strong communication, collaboration, and management skills needed to succeed in a team environment.

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GitHub: [Jonathan-YungHsin-Ho](#)

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## PROJECTS

### QualityHub + InterviewQ

Gig economy hub app connecting job seekers with career coaches in a variety of areas

- **Full-Stack Web Developer** on cross-functional team with two UX developers and six other FS Web Developers
- Worked on all aspects of project: back-end microservices, gateway, front-end
- Utilized GraphQL technology to manage data
- Utilized React + Apollo Client state management system
- Utilized Prisma + GraphQL-Yoga and Apollo Federation and Apollo Gateway to connect back-end microservices

Deployed App: [explorequality.com](http://explorequality.com)

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### The Legend of Lambda

Multi-User Dungeon RPG preparing players for technical interviews

- **Front-End Developer** on cross-functional team with two back-end developers and another front-end developer
- Implemented Context API state management system
- Designed and built out game map, character Avatar, and navigation/control logic and mechanisms
- Built chat functionality using PusherJS technology

Deployed App: [lambdalegend.netlify.com](http://lambdalegend.netlify.com)

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### International Child Nutrition Status Tracker

App tracks and organizes data for global child malnutrition nonprofits

- **Front-End Framework + Node Back-End Developer** on cross-functional team with one Web UI developer and two front-end developers
- Coordinated front-end team
- Implemented Context API state management system
- Built Express-Node back-end API using REST architectural patterns with full authentication/authorization

Deployed App: [icnst.netlify.com](http://icnst.netlify.com)

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## ACCOMPLISHMENTS

**Best Overall: Lambda Winter 2020 Hackathon** January 2020

**Create Your Own Adventure:** [createadventure.netlify.com](http://createadventure.netlify.com)

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## RELEVANT EXPERIENCE

### Wicked Sovereign

July 2007-July 2010

DESIGNER & PROGRAMMER

- Co-founded Flash-based web design company
  - Designed, programmed, and maintained interactive web pages in Adobe Flash and WordPress
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## EDUCATION

### Lambda School

July 2019-May 2020

FULL-STACK WEB DEVELOPMENT & COMPUTER SCIENCE

9+ month CS & Software Engineering Academy providing an immersive hands-on curriculum with a focus on computer science, software engineering, and 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

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## SKILLS

### Front-End Development

Fundamentals:	HTML5, CSS3, JavaScript 6
Libraries/Frameworks:	ReactJS, React Hooks, Context API, Redux, Apollo Client
CSS Compilers:	LESS, SASS, SCSS
Styling libraries:	Styled-Components, Semantic UI
Testing:	Jest, React-Testing-Library
API calls:	Axios, Fetch, GraphQL
Version Control:	Git
Deployment:	Netlify, Zeit

### Back-End Development

Fundamentals:	REST, SQL, GraphQL, Python
Frameworks:	Node.js, Express, Knex, GraphQL-Yoga, Apollo Server, Prisma, Apollo Gateway, Apollo Federation, Django
Testing:	Jest, React-Testing-Library, SuperTest
Deployment:	Heroku

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*GitHub repos and additional projects available upon request*