PATRICK H. HUANG

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SKILLS

Frontend Development

HTML	CSS
Javascript	React.js
Redux	Flux
Mocha.js	Foundation

Backend Development

Node.js	MySQL
Express.js	RESTful
Sinon.js	AWS

EDUCATION

University of California, San Diego

B.S. Computer Science
September 2012 - December 2016

Relevant Coursework

Client-side Web Programming
Software Engineering
Advanced Data Structures
Human Computer Interaction Design

PROJECTS

Web Developer
Informate

- Developed mobile web application with Express and Javascript that gathers unique and interesting facts through crowdsourced data
- Incorporated Google Analytics for A/B testing purposes

Web Developer
Website Portfolio

- Developed responsive website using Google Material UI guidelines and React with different styling and animation libraries

PROFESSIONAL EXPERIENCE

Full-Stack Developer   January 2017 - Present
Dumo

- Build responsive web application in React and Redux, delivering over 25 new product features in the past year
- Develop RESTful API application with Node and Express to aggregate user growth and revenue trends
- Implement recipient payout system using Stripe's API
- Perform API integrations with various third parties including Facebook, Twitter, Instagram, and Network for Good using OAuth 2.0 protocol
- Set up and deploy web servers with Nginx through AWS
- Conduct automated unit testing using Mocha and Sinon to decrease code errors by 20%

Software Engineer Intern   June 2016 - September 2016
Channelmeter

- Acquired three new clients by integrating Instagram API to build analytics for better understanding of user media content
- Introduced group chat capabilities and notification systems for existing messenger application in Node
- Redesigned and developed dashboard permission settings for a more extensive administrative control using React and Flux
- Refactored front-end codebase to reduce complexity and increase code reusability by introducing smarter shared components

Computer Science Tutor   September 2015 - June 2016
Evan Mickelson

- Prepared weekly lessons in Java to help student build a foundation for object oriented programming
- Provided various examples and exercises to cover control statements, basic data structures, error handling, and best coding practices
- Mentored and co-developed text-based RPG game in Java

Mobile Developer   June 2015 - December 2015
Unifyed

- Developed and published social media iOS mobile application with Swift and Parse, reaching over 1,000 active users in the first month of release
- Created Discover page on main dashboard for users to find out events and activities happening around their location
- Integrated Facebook API to provide a more fluid sign up and login experience