

# PATRICK H. HUANG

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## SKILLS

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### Frontend Development

HTML	CSS
Javascript	Redux
React	React Native
Mocha/Chai	Cypress

### Backend Development

Node	PostgreSQL
Express	RESTful
Knex	Bookshelf

## EDUCATION

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### University of California, San Diego

B.S. Computer Science  
September 2012 - December 2016

### Relevant Coursework

Client-side Web Programming  
Advanced Data Structures  
Human Computer Interaction Design  
Database System Principles

## PROJECTS

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### React Reddit

- Client side web application written in React, Node and Express, integrated with Reddit API
- Features include user login, retrieving subscribed subreddits, and displaying account information

### Portfolio Website

- Developed portfolio website using React, following Google Material UI guidelines

## PROFESSIONAL EXPERIENCE

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### Software Engineer

August 2018 - Present

Toumei Consulting / Walt Disney Studio Technology

- Develop single page applications as a servicing tool to support Disney direct-to-consumer initiatives
- Write health check services to ensure uptime with integrated systems
- Build database migration scripts via Knex to manage data population and schema updates across all environments
- Deliver code with automated testing for APIs and UI components to increase code confidence and decrease manual regression testing
- Monitor and debug deployment build issues in Jenkins and Openshift

### Software Engineer

January 2018 - August 2018

Laurel & Wolf

- Developed and launched React Native mobile application as part of the company's growth team initiative
- Integrated Google Analytics event tracking to gain insight on user behaviors and help drive business decisions
- Introduced default payment option for customer shopping checkout
- Reworked customer shopping list by building modular components to reflect new designs

### Software Engineer

January 2017 - January 2018

Dumo

- Built single page application to deliver over 25 new product features including dashboard view, analytics, and user settings
- Developed RESTful APIs to aggregate user growth and revenue trends
- Implemented recipient payout system using Stripe API
- Integrated Twitter, Instagram, and Facebook OAuth for authentication
- Set up email campaigns using Mailchimp API and Foundation for Email

### Software Engineer Intern

June 2016 - September 2016

Channelmeter

- Integrated Instagram API to build analytics tool for user media content
- Introduced group chat and notification systems for messenger application
- Redesigned and developed user dashboard settings for a more extensive and fluid administrative control
- Refactored React codebase to reduce complexity and increase code reusability by introducing smarter shared components