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**LinkedIn:** [linkedin.com/in/wilsonhyng](https://www.linkedin.com/in/wilsonhyng)

**GitHub:** [github.com/wilsonhyng](https://github.com/wilsonhyng)

**Portfolio:** [wilsonhyng.com](https://wilsonhyng.com)

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## >LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, React, Redux, Immutable.js, Flow, Webpack, Node.js, Express, SQL, MongoDB, Docker, Heroku, CircleCI, Jest, Mocha, Chai, Cypress, Selenium, Chrome DevTools, HTML5, CSS3, Git
  - **Exposure:** Python, Typescript, Next.js, Gatsby, Apollo, Angular, Sass, PostgreSQL, AWS (S3)
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## >PROFESSIONAL EXPERIENCE

### **Brandcast | Software Engineer | San Francisco, CA**

Jul. 2018 - Jan. 2021

- Ensured ADA compliance in user generated content via a custom algorithm to traverse content and apply aria-labels and alt text to hyperlinks and images
- Refactored class components into functional components with custom hooks, updated forms to use React Hook Form
- Implemented Flow across the codebase to ensure type safety
- Automated front end feature testing via Cypress for platform stability
- Made open source contributions to React and node packages to ensure codebase compatibility
- Built and monitored platform analytics using BugSnag, PagerDuty - used data to debug customer issues using React and Chrome dev tools
- Created staff tools to allow customer success to toggle permissions for enterprise customers

### **Syslogixpro | Software Engineer | San Francisco Bay Area, CA**

Mar. 2017 - Mar. 2018

- Automated configurations for workspace machines by creating disk images and setup scripts using custom Windows scripts to streamline workspace onboarding efficiency by over 90%
  - Configured AWS S3 buckets to utilize Access Control Lists, increasing security measures and preventing leaks of sensitive client data
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## >EDUCATION

### **B.S. Kinesiology - Physical Therapy, San Diego State University**

2012

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## >FREELANCE WORK & PROJECTS

### **Mission Bit | JavaScript Instructor | San Francisco, CA (remote)**

2021

*501(c)3 non-profit offering coding education and industry experiences to equip, empower and inspire public school youth*

- Teach JavaScript fundamentals to local high school students over a 12 week semester ending with a data visualization project

### **CSGO Case Expected Value | Software Engineer**

2020

*Realtime virtual economy data visualization*

- Scraped data via Python to create GraphQL compatible API for declarative, efficient data fetching
- Utilized React styled-components for lightweight modular reusable components
- Configured with Next.js for server side rendering, routing, and tooling for SEO optimization and faster loading
- Used Apollo and React Hooks for interfacing with GraphQL for predictable data management
- Used Keystone.js to create a CMS to manage authentication, permissions, and data in mongoDB
- Implemented TypeScript for type safety

### **Amazon Product Ethics Tracker | Software Engineer**

2020

*Ethical consumer guide for Amazon*

- Using data scraped from ethical.org.au - display ethical concerns related to products / companies sold on Amazon via Chrome extension
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## >LEADERSHIP + AWARDS

Helped establish the first shelter in California dedicated to survivors of human trafficking and their children

2015