

# CHRISTIAN ACUÑA

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Portfolio: [christian-acuna.me](https://christian-acuna.me)

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## >LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, ReactJS, Redux, Node.js, Express, Ruby, Rails, SQL, PostgreSQL, HTML5, CSS3, HAML, jQuery, Babel, Gulp, Jasmine, Mocha, Chai, RSpec, Capybara, Git, Travis CI, Adobe InDesign, InVision, Flinto
  - **Exposure:** Webpack, AWS (S3, EC2), Docker, Python, Flask, Swift, Objective-C, GCP NoSQL Datastore, Vagrant
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## >PROFESSIONAL EXPERIENCE

### Software Engineer | U.S. Department of State Fulbright Program

2015 - 2016

- Engineered responsive mobile-first, single-page platform to process 2000+ photography exhibits across 5 major cities utilizing JavaScript, HTML5 and CSS3 media queries to ensure multiplatform compatibility.
- Incorporated 5 third-party APIs into JavaScript frontend via Baidu to provide access to Chinese landmark and cultural information to users outside of China's firewall.
- Minimized bytes sent over HTTP channel by ~40% (< 1 sec page loads) using Gulp production build process to minify and concatenate HTML5, JavaScript and inline critical-path CSS3.
- Architected high-fidelity mobile [image navigation system](#) with iOS and Swift, performing direct one-on-one UX testing with 20+ stakeholders.
- Followed agile scrum methodology, which included daily stand-ups, kanban board sprint management, and user story assignment to optimize the development process.

### Web Designer | WaiChinese

2015 - 2015

- Crafted > 75 UI views with InVision and Sketch for natural language processing (NLP) and speech recognition software used by 10,000+ students and over 50 schools worldwide.
  - Dramatically reduced UI clicks from 10 to 5 projected to generate 20% more revenue and accelerate signups.
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## >RECENT PROJECTS

### Software Engineer | vMuse | [live](#) | [code](#)

2016

*Experience the world's most exclusive art collections through virtual reality environments.*

- Integrated and deployed 3 separate systems (Aframe-React VR web app, React-Redux SPA, Rails 5 API) to allow users to experience 1500+ rare art pieces in 3D virtual reality.
- Reduced backend automated test suite codebase by 85% while maintaining 100% model test coverage through leveraging Shoulda Matchers in Ruby to simplification of test case complexity.
- Optimized Git workflow and cut 10+ hours of development time by instituting Travis CI and Code Climate use.

### Software Engineer | Lens of China | [live](#) | [code](#)

2016

*Make remote landmark destinations in China widely accessible via web.*

- Single-handedly constructed RESTful API to query and display data from PostgreSQL DB in less than 400 ms.
- Refactored DOM list manipulation using ReactJS and JavaScript to increase page render speed by ~75%.
- Decreased frontend codebase by over 40% by leveraging Semantic UI React to componentize client side views.

### Software Engineer | readNow | [live](#) | [code](#)

2016

*Turnkey, next-generation authoring ecosystem for creatives to reach a global audience.*

- Deployed Python publishing platform to Google App Engine with multi-user authentication capabilities.
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## >EDUCATION

### US Fulbright Scholar to China, Nanjing University

2016

### B.A. History, Reed College

2014

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## >LEADERSHIP + AWARDS

### Facebook F8 Scholar (4% Acceptance), Facebook

2016

### Critical Language Enhancement Award (Top 20 Scholars), U.S. Department of State

2015