

Christian Miguel Acuña

Front End Engineer | San Francisco, CA

I am a multilingual front end engineer with experience working and living in China, Japan, Korea, and Taiwan. I use my strong grounding in the humanities to create delightful user-facing web apps while considering performance and UX across browsers, platforms, and devices.

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Skills

LANGUAGES

Ruby
JavaScript
Python

TESTING

RSpec
Jasmine

DATABASES

PostgreSQL
Active Record
Google Cloud NoSQL
Datastore

MVC FRAMEWORKS & LIBRARIES

Ruby on Rails
React
Redux
jQuery

TOOLS

NPM & Yarn
Gulp
Git & GitHub
Webpack & Babel
Chrome DevTools
Sketch & InVision

Projects

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

10/2016 - Present

Explore the world's art in VR

- Led a team of 5 to build a Rails 5 RESTful API for a React-Redux Single Page App
- Managed the integration and deployment of three separate applications including an Aframe-React VR Web app, a React-Redux SPA, and a Rails 5 API
- Performed model testing with Shoulda Matchers for 100% model coverage of Rails API
- Utilized Travis CI and Code Climate to ensure automated testing of new code and track code quality progress

Lens of China (React & Swift iOS app) [live](#) | [code](#)

03/2015 - 09/2015

Search 19th-century art from the J. Paul Getty Museum

- Architected decoupled Rails 5 API with React Single Page App
- Leveraged Mapbox API and Semantic UI React library
- Integrated Mapkit with Core Data entities to create customized annotation views

Fulbright China Museum Map [live](#) | [code](#)

09/2016

View art and street views of popular locations in 5 Chinese cities

- Designed a single-page web application using the Knockout framework leveraging 5 third-party APIs
- Created a responsive, mobile-first app using the HTML5 viewport tag and CSS media queries
- Automated build process using Gulp.js to minify and concatenate HTML, CSS, and JavaScript as well as generate inline critical-path CSS

Website Optimization [live](#) | [code](#)

09/2016

Udacity Frontend Nanodegree Mobile Portfolio

- Optimized an inefficient web application's JavaScript, CSS and assets delivery
- Ensured app runs at 60fps and achieves a PageSpeed score of at least 90

Experience

Fulbright Student Researcher

12/2015 - 10/2016

U.S. Department of State's China Fulbright Program

- Engineered a mobile-first, single-page web application utilizing Baidu API in Chinese with Google Maps and Translate APIs
- Prototyped a high-fidelity iOS app using Flint and performed UX testing (<http://bit.ly/prototype-flinto>)
- Developed a Swift iOS app for Apple's WWDC Student Scholarship

UI Designer

02/2015 - 08/2015

WaiChinese

- Collaborated remotely with lead developer to design the web user interface
- Designed UI for an iOS app to create a clickable prototype using InVision

Education

08/2016 - 12/2016

**Full-Stack Web Development
Dev Bootcamp**

08/2015 - 12/2015

**Inter-University Program
(IUP) for Chinese Studies**
UC Berkeley and Tsinghua
University

08/2008 - 05/2014

Reed College
B.A. in History

Certificates

01/2017 - Present

**Nanodegree Credential, Full-
Stack Web Developer**
Udacity

09/2016 - 10/2016

**Nanodegree Credential, Front
End Web Developer**
Udacity

Awards

08/2016

Facebook F8 Scholar
Facebook

08/2015

**Critical Language
Enhancement Award**
U.S. Department of State

Languages

Mandarin Chinese
Full professional proficiency

Japanese
Limited working proficiency

Korean
Limited working proficiency