

# Jorge Cruz

## Software Engineer

San Francisco/Bay Area  
github.com/jcruz2us  
jcruz2us.github.io  
jcruz2us@yahoo.com

### SKILLS

- JavaScript/TypeScript (advanced), Python (proficient), Elixir & Golang (hobby)
- Postgres, ElasticSearch, Redis, MongoDB, MSSQL

### EXPERIENCE

#### Hipmunk/Concur/SAP, San Francisco - *Lead Software Engineer*

JULY 2016 - PRESENT

- Led team through large refactoring/rewrite of web apps for core products (**Python, Tornado, JS, React, NodeJS**)
- Designed and developed new scalable and versatile services/APIs (**Python, Tornado, Postgres**)
- Extensive pairing and code-review sessions with team members to ensure maintainable/scalable code was produced
- Maintained legacy services and diagnosed/fixed performance bottlenecks (**Python, Postgres, ElasticSearch**)
- Renovated hotels data ingestion pipeline to ensure up-to-date hotel inventory (**Python**)
- Revamped development environment (**bash, Docker, Compose, Webpack**)

#### Apcera, San Francisco - *Senior Software Engineer*

JUNE 2015 - JUNE 2016

- Developed web console for the Apcera container orchestration platform (**Docker, JS, Go**)
- Participated in code-reviews

#### Autodesk, San Francisco - *Senior Software Engineer*

MARCH 2015 - JUNE 2015

- Implemented annotation features for 3D-Viewer web component (**JS, SVG**)
- Automated deployment of examples/documentation to serverless **S3** websites and **CloudFront**

#### Spot411/ListReports, Orange, CA - *Software Engineer*

MAY 2012 - MARCH 2015

- Developed real-time web apps powered by WebSockets (**Socket.IO**) and non-blocking servers like **ExpressJS/NodeJS** and **Tornado/Python**
- Implemented lightweight SPAs using **JavaScript, Angular, Webpack**
- Developed hybrid native apps for **Android**
- Oversaw deployment of application code to **AWS (EC2, S3, Auto-Scaling, CloudFront)**

#### 54 System Design, Irvine, CA - *Junior Software Engineer*

MARCH 2009 - MAY 2012

- Drove products and feature implementations through the entire development lifecycle (**C#, JavaScript, MSSQL**)
- Worked closely with stakeholders to gather requirements and build specifications for a new property management system using a domain-driven design approach

---

## OSS

- Google Summer of Code: DBPedia
  - Used Python to create SPARQL queries and parse RDF triples from the DBPedia knowledge base
  - Developed JS widget to display entities from DBPedia
- Contributed small bug fixes to open-source projects

## EDUCATION

**Fullerton College, Fullerton, CA** - *Computer Science, Information Systems*

MONTH 2006 - MONTH 2008

- Intro to C++
- Data Structures with C++
- Java
- Calculus
- Statistics