Joel Aguero

San Francisco Bay Area

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TECHNICAL SKILLS

JavaScript · ES6 · jQuery · CSS3 · SASS · HTML5 · D3.js · Express.js · RESTful APIs
React · Redux · Angular · Backbone · Node.js · socket.io · Git · MVC · UI/UX design
Photoshop · Illustrator · Sketch · Test-driven development · Relational data · SQL
MySQL · Sequelize · MongoDB · Mongoose

EDUCATION

Stanford University   2014
B.S. Product Design & Engineering

HONORS

2014 Kleiner Perkins Design Fellow (1 of 10)
2013 Stanford Class President
1 of 12 Buck Scholarship Recipients ($400k)

RELEVANT COURSEWORK

Data structures, algorithms, C++, Java,
web apps, Ruby/Rails, UX/UI design

Hack Reactor   2016
Advanced software engineering intensive (3% acceptance rate)

PROFESSIONAL EXPERIENCE

Coursera · *Product Designer*   2014 - 2016

ENGINEERING CONTRIBUTIONS
- Refactored client-side logic to clarify state, increasing code extensibility.
- Developed inaugural CSS styleguide, accelerating front-end development workflows.
- Designed and prototyped responsive, modular, component-based layouts.

DESIGN CONTRIBUTIONS
- Shipped high-stakes payment flow iterations, reducing refund rates by 30%.
- Led complex, multi-screen, cross-platform redesigns for the core learning experience.

Nextdoor · *Product Design Intern*   2014

- Leveraged CSS3 media queries to ship rich links across multiple platforms.
- Implemented error pages using CSS3 animations over jQuery to improve performance.

Lenovo · *UI/UX Intern*   2012

SOFTWARE ENGINEERING PROJECTS

Swivel Systems · *Software Engineer*   swivelsystems.org
Education management for K-12 schools

- Utilized web sockets to implement low-latency package transfer for real-time chat.
- Led unit test suite integration using Karma, Jasmine, and Travis CI to maintain
  consistent builds on the client and server.

Frankie Cricket · *Software Engineer*   frankiecricket.com
Music aggregator for SoundCloud and YouTube

- Coupled D3.js with React's lifecycle methods to visualize dynamic audio streams.
- Engineered a RESTful API and persistent storage using Express.js, Sequelize, & MySql.

Scenic Ninja · *Software Engineer*   www.scenic.ninja
Web app to find beautiful places nearby

- Implemented flux architecture using Redux to configure a clean and extendable state.
- Shipped responsive UI and animations using jQuery, CSS3, and grid.io.

Penpen · *Software Engineer*
Portfolio creator for professional writers and journalists

- Parsed XML content with Yahoo's Query Language to leverage Facebook's Open Graph.