

# Nicholas Vizzutti

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## TECHNICAL SKILLS

Ruby · Ruby on Rails · JavaScript · Node.js · jQuery · React · Redux · git · HTML · CSS

## SOFTWARE PROJECTS

**Sports with Strangers** · [github](#) · [live](#)

*Sole Developer [Rails, PostgreSQL, ReactJS, Redux]*

*Full Stack Web Application for joining and hosting game-day events in your home city*

- Built RESTful API to retrieve JSON data, constructing responses to maximize Redux efficiency
- Implements server-side request validation to prevent cross-domain requests for user data
- Preloads essential user data upon login in a single request to decrease load time

**Pixelary** · [github](#) · [live](#)

*Sole Developer [JavaScript, jQuery]*

*Frontend Web Application to demo basic algorithms for image processing, in the form of pictionary*

- Adapted image filtering algorithms for JavaScript, and utilized recursive functions to animate images.
- Handled multiple asynchronous event loops in vanilla JS by careful use of callbacks and closures
- Worked with over 1.9 million pieces of RGBA data per image to achieve filter animations

**CheffyPix** · [github](#) · [demo](#)

*Front End Developer [Java, XML, Android Studio]*

*Android Application for discovering new recipes and sharing favorite dishes*

- Utilizes custom API Util methods with adapter/inflater classes from MVC to handle view logic
- Sends URI reference to API and parses JSON response to build Bitmap images

## EDUCATION & TRAINING

**App Academy**, San Francisco, CA

*November 2016 - February 2017*

*Full Stack Web Development Course*

- Acceptance Rate < 3% with Emphasis on Pair Programming
- Implemented my own · [database object relational mapper](#) · [LRU cache with linked-list/hash map](#)

**University of San Francisco**, San Francisco, CA

*2008 - 2013*

*Bachelor of Arts Design*

- Curriculum Highlights: Programming in Python, Android Development, Web Design

## PROFESSIONAL EXPERIENCE

**Presentation Services Audio Visual**, San Francisco, CA

*2014 - 2016*

*Lead Audio Engineer*

- Engineered audio for live events, optimizing equipment for venue's frequency response
- Provided IT assistance for large scale networking, ISP optimization, and wireless device connectivity
- Consulted and worked on large and varied stage rigs, frequently requiring calculation of load and shock forces

**Freelancer**, San Francisco, CA

*2013 - 2015*

*Graphic Design*

- Aided in setup of Domain registration, DNS, CNAME, and File-Transfer-Protocol
- Provided conceptual sketches for brand inception, and mapped vector drawings based on images

[GitHub](#)

[Portfolio](#)

[LinkedIn](#)