

# Nicholas Vizzutti

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## TECHNICAL SKILLS

Ruby · Rails · Rspec · JavaScript · Node.js · jQuery · React.js · Redux · ASP.NET · C#  
SQL Server · MongoDB · Angular.js · Express · Git · HTML5 · CSS

## SOFTWARE PROJECTS

**Sports with Strangers** · [github](#) · [live](#) *Full Stack Developer [Rails, PostgreSQL, React., Redux]*

*Single-Page Web Application for joining and hosting game-day events in your home city*

- Built REST API with custom key generation and crafted JSON responses to maximize Redux efficiency
- Implements server-side request validation to protect users' emails from CSRF attacks
- Preloads essential user data upon login and persists frequently accessed data to minimize API calls

**Pixelary** · [github](#) · [live](#) *JavaScript Developer [JavaScript, jQuery]*

*Frontend Web Application to demonstrate image processing algorithms, in the form of pictionary*

- Adapted abstract image concepts for JavaScript, and utilized mutual recursion for filter logic
- Constructed multiple asynchronous event loops through careful use of callbacks and closures

**Office Scheduler** · [github](#) · [live](#) *Full Stack Developer [MongoDB, Express, Angular, Node]*

*Responsive single-page scheduling system for office space reservations contracted by client*

- User is alerted instantly when input values may result in conflict, making double-booking impossible
- Provides up-to-minute overview of day, with color coded bookings based on time proximity

**CheffyPix** · [github](#) · [demo](#) *Mobile/UI Developer [Java, XML, Android Studio]*

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

- Utilizes asynchronous API calls and inflater classes to seamlessly integrate data into XML views
- Laid out design and UI direction for team and took initiative to build demo page in JavaScript

## EDUCATION & TRAINING

**App Academy**, San Francisco, CA *November 2016 - February 2017*

*Full Stack Web Development Course*

- 1000 hour immersive full stack development course with < 3% acceptance
- 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*

- Program split focus between graphic and web design, with two semesters in web development

## PROFESSIONAL EXPERIENCE

**Presentation Services Audio Visual**, San Francisco, CA *2014 - 2016*

*Lead Audio Engineer*

- Provided IT assistance for venue-wide networks, bandwidth allocation, and VLAN configuration
- Engineered live events, optimizing audio for frequency response and live record feeds

**Freelancer**, Remote *2013 - 2015*

*Graphic Design & Web Development*

- Developed personal sites for doctors, lawyers, and others. Setup FTP-clients for user accessibility
- Handled branding and logo design. Mapped vector images from artist sketches for large decals