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, preventing invalid API calls
- Provides up-to-moment 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 rate
- 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