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 2016*

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