



Dani Roxberry

Instructor: UC Berkeley & Owner: bitoriented inc.

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I'm a battle-tested software architect that expertly pairs real-time, data-driven architectures with stunning user experiences. Crafting code to delight users, win clients, and thrill investors is my passion; providing pixel perfect and standards compliant applications, my goal. Language agnostic and platform independent, I leverage over 15 years of consulting experience to build custom software with your unique needs in mind. Granted the opportunity to lead 30+ successful project launches, I've gained exposure to a myriad of domains, including the data science, e-commerce, education, enterprise, fashion, financial, gaming, marketing, social networking, and telecom industries. Possessing a deep drive to create and innovate, my mission is to produce digital products that make software a more beautiful and interactive experience --- and inspire you to do the same!

SKILLS

LANGUAGES

Python, Ruby, C#, Objective-C, PHP, C++, ActionScript, JavaScript (ES5/ES6), CoffeeScript, bash, Go, Markdown, SQL, XML, HTML, CSS/SASS

ABILITIES, FRAMEWORKS, AND METHODOLOGIES

- **Backend:** Django, Flask, Tornado, Microsoft .NET, Symfony2, CodeIgniter, Flex, Flash, Node, Express, Unit Testing
- **Databases:** MSSQL, PostgreSQL, MySQL, MongoDB, SQLite
- **DevOps:** Linux (CoreOS, CentOS, Arch, Ubuntu), macOS, Windows, Vagrant, Docker, Proxmox, Apache, Nginx, Unicorn, uWSGI, IIS, XMPP, Redis, Memcached, Tor Hidden Services, Git/SVN, and more!
- **Frontend/Mobile:** iOS, Sass, SCSS, LESS, jQuery, Handlebars, AngularJS, React, Redux, Selenium, Karma, Mocha, Chai, Nightmare.js
- **Protocols:** DNS, P2P, I2P, VPN, BitTorrent, WebSockets
- **Security:** SSL, HTTPS, Cryptography, Tor, Bitcoin, Virtual Currencies

PUBLICATIONS

Conversations on Time-Shifted Content

07/2014

United States Patent and Trademark Office

View on Google Patents: <http://bit.ly/timeshift-convos>

EXPERIENCE

UC Berkeley Extension

07/2017 – Present

Instructor

UCB-SF Instructor for 8/2017 and 2/2018 Cohorts responsible for implementing a wide range of technology curricula. Actively teaching two courses at UCB: **Full Stack Web Development** and **Data Analytics and Visualization**.

bitoriented inc.

11/2014 – Present

Owner/Developer

Consultant slinging custom code. My straightforward, natural language approach to software development won't leave you in the cold, clutching a blanket of buzzwords. Get ready for down-to-earth solutions that instantly upgrade your relationship with technology – from client to collaborator in minutes!

PROJECTS

- **LaRue Tactical** (Django): E-commerce with custom admin interface to fit specialized workflows.
- **FrameBuzz** (Django): See below. As founder/author of the codebase, I continue to develop features and maintain the application.

FrameBuzz, LLC

03/2013 – 06/2015, 06/2017

Founder & CTO; Consultant

FrameBuzz is a free, online video conversation platform that enables moment-by-moment discussions within a video. Throughout the project, I have been the **singular architect of both the product and codebase**, fulfilling code requirements and providing technical diagrams and expertise in order to earn a patent.

Proace Technology Services

04/2011 – 03/2013

Sr. Systems Engineer

Provide clients with desktop, web, and mobile solutions to fit individual needs.

PROJECTS

- **Albatross Golf** (iOS): Mobile app for location based golf course coupons and membership.
- **Ambience Artists** (Django): Music label artist management.
- **AnthemVault** (PHP): Purchase physical gold and silver assets online: easy, fast, and safe.
- **Arch Telecom** (.NET): Web app for autonomous phone dialing and agent leg connection.
- **FrontPorch** (iOS): Social network to transact services and items in your neighborhood.
- **FrameLot** (PHP): Optometrist owned e-commerce site offering prescription eyeglasses online.
- **GetWashed** (iOS): Location based coupons and deals for car washes.
- **GroupWink** - (iOS): Arrange group dates with friends.
- **Institute of Physical Art** (PHP): Buy courses online; admin site for faculty/students.
- **Marketouch Media** (.NET): Pharmacy phone operation web interface. Admin ability to manage telecom software deployments. Additional utility applications at client request.
- **TAM** (.NET): Interface to manage oil field employees that oversee wellbore drilling to improve accuracy of data collection in-field.

Titrate Solutions, Ltd.

09/2009 – 01/2011

CTO

Provided web, interactive, and mobile solutions to top-tier marketing firms. Mentored the internal HZDG development team on the Titrate Solutions stack.

PROJECTS

- **Brooks Brothers: TruPrep** (PHP): TruPrep clothing line on the web.
- **IMAX Theatres** (Django): Full digital rebrand of the IMAX corporation, encompassing branded assets, a mobile interface, and a brand new, highly-available website featuring a fresh, innovative IMAX: Night Out interactive experience!
- **Mayorga Coffee** (PHP): Fans can now buy Mayorga Coffee online from this website.
- **Mixer Design Group** (Django): Rebrand of the Austin, TX product design firm.
- **Southern Management Company** (.NET): Browse SMC's apartment offerings.
- **SplineOnline** (.NET): Educational resource for Maryland high school students.
- **StonehengeNYC** (PHP): Brochure website to facilitate property sales in New York City.
- **Volkswagen** (PHP): Website for the 2009 Winter Sales Event campaign.
- **Washington Redskins - Gametime** (Django): Unique play visualizations and realistic scoreboard make this NFL second screen app every Redskins fans' dream! NFL data, parsed in real-time, updates the screen automatically upon each play.

inContact

01/2008 – 09/2009

Intern; Jr. Software Engineer

Collaborated and facilitated implementation for the next generation inContact product, which included client-facing call center features, as well as an administrative backend. Provided enhanced application alerting features, integrated with the on-site Network Operations Center, enabling technicians to address factors that contribute to downtime: diagnosing unhealthy application pools, alerting staff, and performing preventative system maintenance in real-time.

EDUCATION

Neumont College of Computer Science

07/2006 – 06/2008

BSCS, Computer Science