

Kevin Colten

CTO, Web Developer, Teacher

Contact

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Website

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About

A life-learner and new technology nerd, I work hard at the things I love: programming, teaching, and learning.

Profiles

Github

AustinCodingAcademy (<https://github.com/AustinCodingAcademy>)

Github

kevincolten (<https://github.com/kevincolten>)

LinkedIn

kevincolten (<https://www.linkedin.com/in/kevincolten/>)

Work

Austin Coding Academy

2015-08-01 —

Chief Technology Officer / Lead Instructor <https://austincodingacademy.com> (<https://austincodingacademy.com>)

In charge of all things technical, authored curriculums, and taught web development courses to adult learners.

Highlights

- Responsible for entire company software infrastructure
- Created, maintained, and led interns and contributors on Campus Manager, our custom Learning Management System
- Authored curriculums on HTML, CSS, JavaScript, Node.js, MongoDB
- Developed workbooks with CI integration for linting
- Maintained web presences for all four locations Austin, San Antonio, Houston, and Dallas
- Built reporting infrastructure that combined data from multiple sources: Payments, CRM, LMS, etc. Ask me about YoSQL!
- Implemented automation for web hooks, status checks, user events, reports, deployments, tests, etc.
- Implementing/analyzing tracking services such as Google Analytics/Tag Manager, Facebook Pixel, click heatmaps, etc
- SEO Optimization

Continuum Analytics

2015-06-08 — 2017-01-01

Software Engineer <https://continuum.io> (<https://continuum.io>)

Bokeh contributor, an open-source python driven graph generator. Implemented and designed client-specific projects and solutions.

Highlights

- Worked on <https://anaconda.org>, a packaging and environment manager repository
- Contributed to open-source packages such as Bokeh (<https://bokeh.pydata.org>)

- Fast-paced full-stack client-specific projects with modern web development stacks

Generation Ready

2013-11-01 – 2015-06-05

Lead Software Engineer + Architect <https://generationready.com> (<https://generationready.com>)

Designed, built, and maintained in-house internet software. Headed small team of web developers and quality assurance technicians.

Highlights

- Flourished in a fast-paced, agile environment
- Developed deep PHP and Javascript skills
- Learned and implemented new technologies often

Projects

Campus Manager

(<https://github.com/AustinCodingAcademy/campus-manager>)

- Learning Management System and Course Management Tool
- Creator and current maintainer
- Over 700 Users
- Supports web hooks with Zapier
- Powerful reporting engine
- Built with MongoDB, Node.js, Express.js, Passport.js, Backbone.js, and React.js

AdFree.Life

(<https://adfree.life>)

- Adblocking as a Service
- Sets up a pre-configured Pi-Hole on a dedicated VPS
- Uses cron jobs to generate trials
- Hit #11 on Hacker News! (<https://news.ycombinator.com/item?id=14910683>)

- Registration currently disabled while licensing is figured out

YoSQL

- Converts NoSQL databases and JSON collections into SQL tables
- Creator and current maintainer
- Integrates with Zapier for web hook functionality
- Save and share queries
- API to integrate with any SPA frontend

Skills

Languages

- JavaScript/Node.js
- Ruby
- PHP
- Python
- SQL
- NoSQL
- Bash
- Linux
- C#

Web Development

- HTML/CSS
- JavaScript/jQuery
- Express/Node.js
- Backbone/React
- Rails
- Laravel
- Bootstrap/Foundation/Material
- MongoDB

- MySQL/Postgres/Sqlite
- Authorization/Authentication
- Responsive/Mobile Development
- Bokeh/Bokeh Server

Technologies

- Continuous Integration
- Automated Deployment
- Automated Testing
- AWS/Heroku/DigitalOcean
- Heroku/Build Packs
- Git/GitHub
- Grunt/Gulp/WebPack
- REST APIs
- Automated SSL Certificates
- Data Visualization