

David Baumgold

Full-stack web developer, open source contributor, technical trainer, public speaker.
Located in the Boston area.

Web	www.davidbaumgold.com
Email	david@davidbaumgold.com
GitHub	github.com/singingwolfboy
Twitter	twitter.com/singingwolfboy

Skills

Languages	Python , JavaScript (Node.js), SQL (PostgreSQL , MySQL), RegEx
Frameworks	Django , Flask , SQLAlchemy , jQuery , React , Backbone.js , Bootstrap
Tools	Git , Sphinx , Babel , Webpack , HTTP APIs
DevOps	AWS , Docker , Homebrew , SSH , Nginx , Linux Server Administration
Testing	TDD , Nose , Pytest , Mock , Jasmine , Travis CI
Open Source	Communication, Community-Building, Outreach, Advocacy

Experience

Consultant at Serendipity Consulting

since Jan 2016

Currently working as a freelance consultant, helping companies develop robust and maintainable websites using Python and JavaScript. Recent clients:

- **ClassForward**: I helped build out their Django-based website, working on a small team. I also provided mentorship and guidance for their junior developers, and helped establish best practices for high quality development.
- **MIT's Office of Digital Learning**: I assisted with their [Micromasters](#) project, using Django, DRF (Django Rest Framework), React, ES6 (ECMAScript 6), and Webpack.
- **Zeolearn**: I [taught classes](#) to Zeolearn's clients, with topics including Django and Git/GitHub.
- **edX**: I took over an [unmaintained Python project](#) that edX depended on, and upgraded it to be more modern, reliable, and documented.

Software Engineer, Developer Advocate at [edX](#)

May 2013 to Jan 2016

Open source Python/Django web application with Backbone.js frontend. Lead development of major components of the application, as well as spearheading major code-cleanup and refactoring efforts in an agile, Scrum-based workflow.

Organized and assisted the open source community in their efforts to use the software; organized major software releases, advocated for documentation and features specific to the community's use. Spoke about Open edX at conferences, and helped organize the Open edX Conference.

Software Engineer at [CloudLock](#)

Sep 2011 to Apr 2013

Python web application running on Google App Engine. Assisted with a major architectural restructuring to work with App Engine's eventually-consistent datastore. Increased developer productivity through communication, education, tooling, and automated testing.

Software Engineer at [TripAdvisor](#)

Aug 2010 to Aug 2011

PHP web application with a dynamic Javascript front-end, integrated into a Java codebase. Worked as a full-stack developer in a small, agile team, fixing bugs and adding features in many different levels of the codebase.

Junior Systems Administrator (Guru) at [Computer Science Department, Brandeis University](#)

Dec 2007 to May 2010

Worked in a small team to manage, maintain, and upgrade a network of over 100 Mac and Linux computers. Provided routine support and assistance to university students and professors.

Education

Masters degree in Computer Science

[Brandeis University](#), *Spring 2010 to Summer 2010*

Bachelors degree in Computer Science

[Brandeis University](#), *Fall 2006 to Fall 2009*

Bachelors degree in Psychology

[Brandeis University](#), *Fall 2006 to Fall 2009*