

# David Baumgold

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

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## Skills

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<b>Languages</b>	<a href="#">Python</a> , <a href="#">JavaScript (Node.js)</a> , <a href="#">GraphQL</a> , <a href="#">SQL (PostgreSQL, MySQL)</a> , <a href="#">RegExp</a>
<b>Frameworks</b>	<a href="#">Django</a> , <a href="#">Flask</a> , <a href="#">SQLAlchemy</a> , <a href="#">jQuery</a> , <a href="#">React</a> , <a href="#">Redux</a> , <a href="#">Bootstrap</a>
<b>Tools</b>	<a href="#">Git</a> , <a href="#">Sphinx</a> , <a href="#">Babel</a> , <a href="#">Webpack</a> , HTTP APIs
<b>DevOps</b>	<a href="#">AWS</a> , <a href="#">Docker</a> , <a href="#">Homebrew</a> , <a href="#">SSH</a> , <a href="#">Nginx</a> , Linux Server Administration
<b>Testing</b>	<a href="#">TDD</a> , <a href="#">Nose</a> , <a href="#">Pytest</a> , <a href="#">Mock</a> , <a href="#">Jasmine</a> , <a href="#">Mocha</a> , <a href="#">Travis CI</a>
<b>Open Source</b>	Communication, Community-Building, Outreach, Advocacy

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## Experience

### Consultant at LeafTech

*since June 2018*

Currently working as a freelance consultant, helping companies develop robust and maintainable websites using JavaScript, React, and GraphQL.

### Senior Front-end Developer at [Impraise](#)

*Sep 2017 to May 2018*

React, GraphQL, Ruby on Rails. Lead a small team to develop a dynamic React-based front-end for the Impraise web application. Assisted in migrating from a legacy REST-based backend to one based on GraphQL.

### Consultant at Serendipity Consulting

*Jan 2016 to Sep 2017*

Worked as a freelance consultant, helping companies develop robust and maintainable websites using Python and JavaScript. Clients included:

- **Nylas**: I helped update and modernize the [Python SDK for Nylas](#), revamping the test suite and adding Python 3 support.
- **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*