

Filipe Waitman

Senior Python Software Engineer

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In short:

- **10+ years experience with Python** and its web frameworks.
- **Super experienced with Back-end** and API development.
- **Fairly experienced with Data Science** and Machine Learning.
- Agile methodologies enthusiast (plus, I **worked as Scrum Master** twice).
- **Aiming to work remotely** (hybrid is also acceptable if the vast majority of time is remote).

Education:

- **Higher education: Bachelor in Information Systems - University of São Paulo (USP).**
- **Scientific initiation: Pure and Applied Mathematics** - scholarship related to CNPq¹. Earned as one of the OBMEP² winners.

Relevant experience:

- **Braintrust** (2021-10 - present)
 - Working as a senior software engineer in the first decentralized Web3 talent network that connects top tech freelancers with the world's leading brands.
 - Link to my personal profile: <https://app.usebraintrust.com/talent/29472> .
- (classified project) (via Toptal) (2019-04 - 2019-05)
 - Worked on a peer list API aimed at universities.
 - Technologies used: Python, Flask, Marshmallow, SQLAlchemy, SQLAlchemy-Continuum, Docker, PostgreSQL, Elasticsearch.
- **Divio** (via Toptal) (2017-11 - 2018-10)
 - Worked on some internal improvements for the platform, as well as designing/developing addons for Django CMS and also assisting some internal projects.
 - Technologies used: Python, Django, Django CMS, PostgreSQL, Celery, Divio Cloud, Haystack, Elasticsearch, uWSGI, AWS (S3), Tox, Travis CI, Sentry, New Relic.
- (unreleased project) (via Toptal) (2017-01 - 2018-02)
 - Worked on an unreleased project - yet. `^_^`
 - Technologies used: Python, Django, Django REST Framework, Pandas, NumPy, SciPy, Matplotlib, Seaborn, PostgreSQL, Celery, Heroku, AWS (S3), Rollbar, Papertrail, Postmark.

¹ Governmental organization dedicated to the promotion of scientific and technological research.

² Brazilian Public Schools Mathematical Olympiad - free translation.

- **Spotfund** (via Toptal) (2016-03 - present)
 - Working on a mobile micro-donation platform that aims to connect users to NGOs using a social network look and feel.
 - Technologies used: Python, Django, Django REST Framework, PostgreSQL, Heroku, AWS (S3, lambda, lambda@egde), Elasticsearch, Twilio, Stripe, Rollbar, Papertrail, Postmark, New Relic.
- **Toptal** (2015-12 - present)
 - Working as a senior software engineer on the network of the top freelance software developers in the world.
 - Link to my personal profile: <https://www.toptal.com/resume/filipe-waitman> .
- **Geru** (2014-12 - 2016-07)
 - Worked on a lending platform (Fintech) that matches borrowers and investors "bypassing" banks and so ensuring both better interest rates to borrowers and better profitability to investors.
 - Technologies used: Python, Pyramid, SQLAlchemy, PostgreSQL, Celery, Redis, AWS, New Relic, Sentry, Stathat, Logentries, Zendesk, Plivo, Jumio, Clicksign, Ngrok, Docker.
- **Titans Group** (2012-10 - 2014-12)
 - Worked on a cloud storage service like Dropbox, but multi-branded (whitelabeled).
 - Technologies used: Python, Django, Celery, RabbitMQ, Memcached, MySQL, Solr, Jenkins, AWS, New Relic, Sentry, Stathat.
- **Nokia Siemens Networks** (2010-10 - 2012-10)
 - Worked on an internal platform capable of putting together every single step on a telecommunication site deployment.
 - Technologies used: Python, Django, Celery, RabbitMQ, Microsoft SQL Server, Jenkins, Sentry.

Open source projects:

- I have quite a few open source projects (and some more are in the making). For further details please take a look at <https://github.com/filwaitman/> .

Languages:

- **Portuguese** (native).
- **English (fluent). Using English as the primary working language** since 2016.

Skills:

- **Python (specialist)**. Super experienced with both Python2 (RIP) and Python3.
- Web frameworks: **Django**, although used other frameworks (such as Pyramid and Flask) as well.
- Data science: **Pandas**, **NumPy**, SciPy, Scikit-Learn, **Matplotlib** and Seaborn.
- Front-end development: JavaScript (badly), CSS (badly), HTML (badly). By *badly* I mean: enough to use Bootstrap, jQuery and do minor maintenance on templates.
- Databases: **PostgreSQL**, MongoDB, MySQL (badly) and Microsoft SQL Server (badly).
- Tools: **Amazon** Web Services (EC2, S3, RDS, lambda@egde, lambda), **Heroku**, **Elasticsearch**, New Relic, Sentry, Rollbar, Postmark, Papertrail, virtual kanban tools (**Trello**, Jira, Scrum.do, Pivotal Tracker, Basecamp, Waffle.io), Stathat, **Twilio**, Plivo, **Stripe**, Zendesk and Jenkins.