Filipe Waitman

Senior Python software engineer/data scientist

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In short:

- **10+ years experience with Python** and Django/Pyramid frameworks.
- **Fairly experienced with Data Science** and Machine Learning.
- Agile methodologies enthusiast (plus, I **worked as Scrum Master** twice).
- **Aiming to work remotely**.

Education:

- **Higher education: Bachelor in Information Systems - University of São Paulo (USP)**.
- **Scientific initiation: Pure and Applied Mathematics** - scholarship related to CNPq[1]. Earned as one of the OBMEP[2] winners.

Relevant experience:

- Toptal - http://www.toptal.com/
    - Working as a senior Python freelancer on the network of the top freelance software developers in the world.
    - Period: From 2016-01 on.

- Spotfund (via Toptal) - http://spotfund.com/

    - Working as both API developer and DevOps.
    - Technologies being employed: Python2, Python3, Django, Django REST Framework, Push Notifications, PostgreSQL, Heroku, AWS (S3), Twilio, Stripe, Rollbar, Papertrail, Postmark, NewRelic.
    - Period: From 2016-03 on.

- (classified project) (via Toptal)

    - Working on a peer list API aimed to universities.
    - Technologies being employed: Python3, Flask, Marshmallow, SQLAlchemy, SQLAlchemy-Continuum, Docker, PostgreSQL, Elasticsearch.
    - Period: From 2019-04 to 2019-05.

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[1] Governmental organization under the Ministry of Science and Technology, dedicated to the promotion of scientific and technological research.
[2] Brazilian Public Schools Mathematical Olympiad - free translation.

- Divio (via Toptal) - http://www.divio.com/
  - Working on internal improvements for the platform, as well as designing/developing addons for Django CMS and also assisting some internal projects.
  - Technologies being employed: Python2, Python3, Django, Django CMS, PostgreSQL, Celery, Divio Cloud, Haystack, Elastic Search, uWSGI, AWS (S3), Tox, Travis CI, Sentry, NewRelic.
  - Period: From 2017-11 to 2018-10.

- (unreleased project) (via Toptal)
  - Working on an unreleased project - yet. ¯_(ツ)_/¯
  - Technologies being employed: Python3, Django, Django REST Framework, Pandas, NumPy, SciPy, Matplotlib, Seaborn, PostgreSQL, Celery, Heroku, AWS (S3), Rollbar, Papertrail, Postmark.
  - Period: From 2017-01 to 2018-02.

- Geru - http://www.geru.com.br
  - Worked as a back-end developer.
  - Technologies employed: Python, Pyramid, SQLAlchemy, PostgreSQL, Celery, Redis, Amazon Web Services, New Relic, Sentry, Stathat, Logentries, Zendesk, Plivo, Jumio, Clicksign, Ngrok.
  - Period: From 2014-12 to 2016-07.

- TItans Group - http://www.clarosync.com
  - Worked as both API developer and Scrum Master.
  - Technologies employed: Python, Django, Celery, RabbitMQ, Memcached, MySQL, Solr, Jenkins, Amazon Web Services, New Relic, Sentry, Stathat.
  - Requests per minute: 1.2k average, 2.6k peak.
  - Period: From 2012-10 to 2014-12.

- Nokia Siemens Networks - http://zina.access.nokiasiemensnetworks.com
  - Worked as both full stack developer and team technical leader.
  - Technologies employed: Python, Django, Celery, RabbitMQ, Microsoft SQL Server, Jenkins.
  - Period: From 2010-10 to 2012-10.

Open source projects:

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

Languages:

- **Portuguese** (native) and **english (fluent)**. **Using english as primary working language** since 2016.

Skills:

- **Python (specialist)**. Super experienced with both Python2 and Python3.
- Web frameworks: **Django** and **Pyramid**, although used 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), **Heroku**, **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**.
- Agile methodologies, with emphasis on **Scrum**.