

Jonathan Borichevskiy

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Summary

Passionate about **cognitive science, environmental sustainability, and software engineering** and excited to explore the intersection of all three. Experienced with **distributed data processing and acquisition, building backend services, and prototyping and iterating products**. Capable of working solo as well as on **small, performant teams in complex and uncertain environments**. Comfortable communicating directly with **clients, partners, and product and technical teams**.

Experience

Vigilant / Founding Engineer / vigilant.cc

Jul 2016 - Aug 2019

New York, NY

Platform for real-time search and continuous monitoring across thousands of public records datasets

- Developed, deployed, and supported backend services for multiple client-facing platforms
- Wrote documentation, automated repetitive processes, and resolved complex customer queries
- Expanded and maintained internal library for interacting with remote web-based resources
- Managed multiple rounds of interns including on-boarding, code review, performance assessment, and feedback
- Built ETL pipelines for data acquisition, transformation, and processing

Yedi Software / Developer / yedi.io

Jan - Sep 2016

Sacramento, CA

Suite of services for automating and streamlining third-party logistics

- Worked directly with clients to ascertain workflow challenges and scope technical solutions
- Automated transaction data validation and entry from proprietary services such as Comdata into Quickbooks using the SOAP interface
- Built a dashboard for monitoring and analyzing load information from a range of public and proprietary third party data providers

Languages, Libraries, and Services

- **Backend** Python: Flask, Starlette, Django, Celery, asyncio, multiprocessing, unittest
- **Ingestion & Automation** Parsing {PDF, HTML, Excel, CSV}, BeautifulSoup, lxml, Spacy, Selenium
- **Databases & Key Value** Postgres, Elasticsearch, RabbitMQ, RethinkDB, MongoDB, SQL, Redis, SSDB
- **Cloud & Infrastructure** Amazon Web Services, Digital Ocean, Azure, Google Cloud Services, Heroku, Netlify, Kibana, Docker, Gitlab, Saltstack, NSQ, Ubuntu
- **Services** Google Maps API, Google Translate API, Quickbooks API, OpenFEC, Reportlab, Airtable, git
- **Frontend** Limited React, Vue experience