

Josh Holbrook

Brooklyn, NY - (801) 808 4064 - josh.holbrook@gmail.com - <https://josh.agency>

Employment History

Senior Software Engineer
Squarespace Inc, Finance Products

July 2019 - January 2020
New York NY

- Acted as a de facto incident commander during firefighting
- Designed and instituted an on-call process to ensure that support work was spread evenly
- Identified and implemented several improvements to development and deployment tooling and processes to improve team velocity and reduce bugs
- Spearheaded proposals to onboard billing and payments data onto a data vault reference architecture to improve velocity and decrease bugs, and to rearchitect reporting to mirror industry standard BI tools

Senior Developer
Gizmodo Media Group, Data Engineering

September 2016 - May 2019
New York NY

- Acted as the technical lead to deliver Amazon affiliate program commerce analytics involving three teams and multiple contractors, providing experiment data used to optimize conversions on a front page redesign
- Architected an A/B testing API and web UI to make testing approachable to product managers
- Owned internal analytics and recommendation systems that served over 100 million users a month; overhauled legacy systems and implemented monitoring, vastly decreasing total outages and virtually eliminating undetected outages

Software Developer
Condé Nast, Copilot API

February 2014 - August 2016
New York NY

- Wrote a HATEOAS-inspired graph-capable relationships API that supported the content relationship needs of over a dozen brands
- Led the data migration that replatformed over a decade of live fashion show coverage from Style.com to Vogue Runway
- Participated in on-call for Copilot API services, including during the site launch of Vogue Runway on New York fashion week

Open Source Portfolio

GitHub: @jfhbrook

Pyee ★211

July 2011 - Present

A Python port of the Node.js EventEmitter with special support for concurrency and async frameworks

ecstatic ★912

November 2011 - May 2019

A fully-featured static file serving module for Node.js

Skills

Languages: Bash, JavaScript, PowerShell, Python, Scala

Operating Systems: Arch Linux, OSX, Ubuntu Linux, Windows 10

Cloud Platforms: AWS, GCP, DigitalOcean

Frameworks: Electron, Express, Flask, Hapi, Node.js, Play Framework, Twisted

Data Engineering: Airflow, Spark, Jupyter, LookML, Numerical Methods, Pandas

Databases: RedShift, CouchDB, Solr, BigQuery, MongoDB, MySQL, PostgreSQL

Backend Engineering: gunicorn, Microservices, NGINX, REST, RabbitMQ, Redis

DevOps: Ansible, DataDog, Docker, Jenkins, Kubernetes, NewRelic, NixOS, Puppet, Slack ChatOps, systemd, Terraform, Vagrant

Web Technologies: CSS, HTML, JSON, Node.js, React

Education

Master of Science, University of Alaska Fairbanks
Major: Mechanical Engineering

September 2009 - May 2011
GPA: 3.62