

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 for a multi-quarter project to deliver commerce analytics for Kinja's Amazon affiliate program involving three teams and multiple contractors, providing experiment data used to avoid harming 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 multiple async frameworks and concurrency abstractions

PSudo ★32

April 2020

A PowerShell module for privilege escalation using named pipes and .NET binary serialization

ecstatic ★912

November 2011 - May 2019

A fully-featured static file serving module for Node.js with over 900 stars on GitHub

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

Apache Airflow, Apache Spark, Jupyter, LookML, Numerical Methods, Pandas

Databases

AWS RedShift, Apache CouchDB, Apache Solr, Google BigQuery, MongoDB, MySQL, PostgreSQL

Backend Engineering

unicorn, 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 University of Alaska Fairbanks- September 2009- May 2011- Master of Science in Mechanical Engineering (gpa 3.62)