

Gabriel Ochoa

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Squarespace

Senior Site Reliability Engineer (SRE) / Team Lead | New York, NY | August 2017 - Present

- Led a team of 7 engineers in launching, getting organization buy-in, and migrating 3000 VMs owned by 15 teams to a new internal compute platform. The new platform replaced the software runtime, metrics, alerting, and CI/CD layers of the Squarespace stack
- Created team charter and led agile development processes for the SRE Compute team
- Created and led Kubernetes 101 and 102 training courses for 100+ engineers
- SRE Lead for launch of a new billing system; started SRE Partner program
- Participated in Team and Incident Commander 24/7 on-call rotations

Wink

Systems Engineer | Quirky Inc | New York, NY | August 2014 - December 2015

- Technical product expert for integration of Amazon Echo, Nest, Schlage Locks, and many ZigBee and Z-Wave products into the Wink platform.
- Researched new and emerging smart home technologies (LoRoWan, BLE Beacons, etc)
- Led vendors and manufacturers in Asia through final stages of development and testing of ZigBee, Z-Wave, and Bluetooth embedded devices
- Trained and helped launch a customer service center of 50+ employees
- Designed hardware and processes to refurbish 40,000 company products in 1 month

Site Reliability Engineer | Flextronics | New York, NY | December 2015 - August 2017

- Created AWS-hosted Kubernetes clusters and migrated all applications from Heroku
- Participated in Design Thinking workshops and user story sessions
- Built internal product for creating micro-service infrastructure by developers
- Was on-call for and supported 18 micro-services and underlying infrastructure
- Designed and built a fault-tolerant logging and metrics pipeline
- Developed and championed SRE culture/practices across engineering organization

Quirky

BlackOps Design Engineer | New York, NY | January 2014 - August 2014

- Prototyping specialist for CEO's personal four-member design team
- Demonstrated products to executives, retail buyers, and investors
- Constructed visual and functional prototypes for Quirky Aros and Wink Relay

Frog Design

Design Technologist Intern | Austin, TX May 2013 - August 2013

Skills

Software

Kubernetes | Prometheus | Containers | AWS | GCP | Linux | Go | Python | Ruby | Redis | Etcd | MySQL | Memcached | DynamoDB | CircleCI | Datadog | SumoLogic | Ansible

Hardware

CNC/Manual Machining and Prototyping | Additive Manufacturing | Welding | Soldering | Wood/Metalworking | Solidworks | AutoCAD/Fusion 360 | HSMWorks | Pro-E/Creo

Education

Georgia Institute of Technology | B.S. Mechanical Engineering 2013

Manufacturing Processes | Machine Design | Prototyping | Product Design

<https://github.com/gabe-choa/resume>