

EXPERIENCE

- **i.am+** Hollywood, CA
Software Engineering Manager 2018-10-01 - Present
 - Managed a small but effective backend services team
 - Lead the planning and execution of all US-based infrastructure
 - Worked with offshore QA and Engineering teams to pursue mutual goals
 - Organized deployment of microservices on a Kubernetes platform
- **i.am+** Hollywood, CA
Senior Software Engineer 2016-08-22 - Present
 - Built several highly scalable services for a music streaming platform
 - Optimized elasticsearch for voice-first search on a music knowledge base
 - Built tools for fast ingestion of GBs of metadata for service consumption
 - Designed an automated pipeline for nightly music data ingestion
 - Managed projects for our MIT interns
 - Built a service for managing smartwatch registration and preferences
 - Golang, gRPC, Docker, Postgresql, Elasticsearch, Redis, Neo4j, Ruby
- **goSeek** Los Angeles, CA
Software Engineer 2015-03-01 - 2016-03-01
 - Built a central API for booking hotel stays through multiple 3rd party APIs
 - Built a full-stack login authentication system
 - Worked with caching large volumes of hotel searches and results
 - Ruby On Rails, Redis, Memcached, Postgresql w/ PostGIS
- **TrackR** Santa Barbra, CA
Software Engineer (Consultant) 2014-09-01 - 2015-02-01
 - Built a management tool for users to manage their Indiegogo orders
 - Hand built a blogging platform from scratch
 - Ruby On Rails, Postgresql, ActiveAdmin
- **resound.fm** San Luis Obispo, CA
Co-Founder / Lead Backend Engineer 2014-03-01 - 2015-03-01
 - Designed and implemented data models, built APIs, managed DevOps
 - Participated in business development, marketing and social media
 - Ruby On Rails, Redis, Websockets, Postgresql, Chef, Rackspace
- **RadPad** Santa Monica, CA
Software Engineer 2014-01-01 - 2014-03-01
 - Redesigned the backend apartment aggregation service to be 3x faster
 - Designed and implemented a realtime messaging service with PubSub
 - Implemented the base unit testing framework on an established application
 - Ruby On Rails, Postgresql, S3
- **Project Gigit** Los Angeles, CA
Software Engineer (Consultant) 2013-10-15 - 2013-12-15
 - Built a service using concert data to help promoters identify band bookings
 - Ruby On Rails, Facebook API, Postgresql
- **Down** San Francisco, CA
Software Engineering Intern 2013-06-01 - 2013-10-01
 - Built a Neo4j graph and API v2.0 for match discovery on 1.3m users
 - Ruby on Rails, Neo4j, Postgresql

EDUCATION

- **Cal Poly Pomona**
Computer Science

Pomona, CA
2011-09-15 - 2015-02-01

PROJECTS

- **resume-exporter**: A Go tool for exporting the JSONResume format to LaTeX
- **kylelucas.io**: My personal website, built in TypeScript with react.
- **plex-lametric**: A Go webserver for showing Plex data on a LaMetric Clock
- **cyberpower-exporter**: A Go Prometheus exporter for the Cyberpower UPS line
- **discord-lametric**: A Go daemon for pushing Discord Notifications to a LaMetric Clock
- **speedtest**: A Go package for running tests against speedtest.net

VOLUNTEER WORK

- **PolyFounders**
Speaker
- **HackPoly 2017**
Mentor + Judge

2015-01-01 - 2015-06-01

2017-02-18 - 2017-02-21

AWARDS

- **Eagle Scout**
BSA

2011-08-01

SKILLS

- **Development**: Golang, Ruby, Bash, Postgresql, Elasticsearch, Neo4j, Redis
- **Deployment Tools**: Docker, Kubernetes, Prometheus, Traefik, Grafana, Helm