

George Erickson

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Education

Massachusetts Institute of Technology B.S. IN COMPUTER SCIENCE

2009 - 2013

- Completed while working fulltime at Kyruus.

Skills

Languages

Go, Javascript (Node.js, Angular.js, Backbone.js), Python (Django), Ruby (Rails), Swift (iOS dev)

Other

PostgreSQL, Redis, Docker

Experience

DrinkIn CTO/FOUNDER/ONLY DEV

Oct. 2013 - Current

- An on demand (<1 hour) alcohol delivery service with its own fleet of drivers.
- Components
 - Backend API
 - * Built a custom ecommerce framework with ~20k lines of Go (also postgres/redis/groupcache)
 - * Hosted on AWS ECS in a VPC with Docker.
 - * Built my own data pipeline using NSQ/Redshift/S3.
 - * Built online VRP solver to efficiently route orders
 - Web Frontend
 - * Angular.js SPA
 - * Carefully optimized the UX (visit stg.drinkin.com for a demo.)
 - * Use any boston address (e.g 153 Milk Street, 02109), and a Stripe test card (e.g 4242-4242-4242-4242) to test.
 - iOS App
 - * Built with Swift.

Swenson He SENIOR SOFTWARE CONSULTANT

Jul. 2014 - Current

- An iOS focused consulting agency that frequently hires me to build backend services.
- Recent Work
 - Tagkey (an instagram like service)
 - * Architected/Built MVP in 7 weeks. ~15k lines of Go (also postgres/redis)
 - * Mentored a junior developer on the SwensonHe team as they learned Go and PostgreSQL.
 - * Built iOS SDK for the API (Swift) and the MVP Android App (Kotlin).
 - Simplehuman
 - * Architected a geographically distributed MQTT backend (built with Node.js and hosted on Azure) for their IoT Mirror.
 - * Worked with their embedded systems team to implement MQTT in a battery efficient way.
 - Hitch Radio
 - * Provided code review and mentorship for their backend development team.
 - * Fixed concurrency related bugs in their Parse Cloud Code implementation.

Kyruus SOFTWARE ENGINEER

Sep. 2011 - Oct. 2013

- Hired as a fulltime frontend engineer during my Sophmore year of college.
- Products
 - Provider Match
 - * An enterprise platform to optimize health systems for hospitals and insurance companies.
 - * I primarily worked on the frontend with 4 other engineers.
 - * Ruby on Rails frontend, Ruby/Grape API Service, Elasticsearch backend.
 - DEX
 - * An iPad app (a hybrid app built with Phonegap/Sencha Touch) to help pharma reps track medical device related deaths and injuries.
 - * Built the backend API (Python, Django, PostgreSQL, Solr)
 - * Built the data processing pipeline to process messy FDA MAUDE data (MapReduce on Hadoop with mrjob).
 - Passport
 - * A tool for hospital administrators to track research grant compliance (Django, PostgreSQL)

TripAdvisor INTERN

Jan. 2011 - Aug. 201

- Worked on the Hotels team (Java).