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 custom ecommerce framework using golang/postgres/redis/groupcache.
    * Hosted on AWS ECS in a VPC with Docker.
    * NSQ based analytics platform.
  - 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 and built the backend API (Golang, PostgreSQL, 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 proccess 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).