Colin Fike

https://colinfike.github.io/

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EXPERIENCE

- **Dictionary.com**   San Francisco, CA
  Backend Engineer   *July 2018 - December 2019*
  - Enable migration off legacy monolith by creating mobile Node.js API capable of hundreds of requests per second.
  - Enable ability to publish new dictionary content via RedisGraph based content ingestion pipeline.
  - Maintained and created AWS infrastructure ranging from Elastic Beanstalks to Route 53 records.
  - Achieved a 85-90% cache hit rate across properties receiving ~4000 requests per second using Fastly custom VCL.
  - Optimize ad revenue via first price header bidding and low latency real time bid markup.
  - Enable code deploy within minutes of merge via docker image caching and mirroring using Gitlab CI/CD.
  - Manage and update data of MongoDB clusters handling 100s of queries per second.
  - Mentor less experienced coworkers via pair programming, peer code review, and presentations.

- **Chewse**   San Francisco, CA
  Full Stack Engineer   *May 2017 - March 2018*
  - Build self-checkout flow with Vue.JS to enable users to schedule meals without talking to customer service.
  - Implemented Prix Fixe meals internal pages to manage premade meals as well as backend APIs and DB schema.
  - Streamline UI/UX with frontend redesign of meal calendar, feedback forms, and order requests with Vue.js.
  - Reduce load time by 75% for customer facing scheduled meal pages with Vue.js and optimized Django APIs.

- **Mainstreet Computing**   Buffalo, NY
  Full Stack Engineer   *Fall 2014 - February 2017*
  - Lead development of service that enabled automatic navigation of healthcare.gov in minutes with Ruby on Rails.
  - Lead development of web app allowing creative ad units to be shared/previewed/updated on the fly.
  - Created/Configured EC2 instances used to host staging and production projects.
  - Lead scoping of new projects as well as participating in SOW and Design Review.

EDUCATION

- **University at Buffalo, SUNY**   Buffalo, NY
  Bachelor of Science in Computer Science; GPA: 3.582   *Fall. 2010 – Dec. 2014*

PROJECTS

- **YougoPremium**: Command line tool written in Go used to subscribe to YouTube channels and download latest videos since the last download to your local machine for offline playback.
- **JudgeGo**: Personal Discord bot written in Go with functionality to create sound clips from YouTube videos, sound clip playback via voice channels, Markov chain and sentence generation from user message history, and moderate channels.
- **Mimic**: Open Source Go package to enable training of Markov Chains from text input and sentence generation based on word probability using the same chains.

PROGRAMMING SKILLS

- **Languages**: Node.js, Go, Python, Ruby, VCL, SQL, CSS/HTML, Rails, Django
- **Technologies**: Docker, Fastly, AWS, MongoDB, Redis, Terraform, React, Heroku, ElasticSearch/Kibana, Unix