Randall Ma

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github.com/randallm

Experience

Mixmax, Inc.
Engineering Intern
Summer 2017

Performed key optimizations necessary for scaling of Mixmax business and infrastructure. Improved internal tooling to optimize developer productivity.

- Implemented Bull Queue user interface for queue/job introspection (http://mixmax.com/blog/introducing-bull-arena). Additionally, helped to profile performance of Bull Queue under high load.
- Built automatic update feature for customer-facing using Redis Pub/Sub and WebSockets
- Added and maintained Salesforce API integrations inside Mixmax Chrome extension (React, JSForce)
- Ported message analytics backend from MongoDB to Elasticsearch
- Specced and built tool for exposing local instances of internal services to the public internet using ngrok

if(we), Inc.
Web Features Intern
Summer 2016

Developed new front end features in Tagged mobile webapp.

- Helped migrate legacy web stack from PHP to Angular.js
- Added HTTP ETag headers to key Tagged API endpoints
- Won company hackathon with UI mockups and functional iOS demo (Swift) for restaurant searching iMessage app

Poll Everywhere, Inc.
Software Engineering Intern
Summer 2014
Spring — Summer 2015

Developed, packaged, and released the iOS/Android Poll Everywhere app.

- Implemented native device event support (notifications, network connectivity handling) in Backbone.js-powered mobile app
- Modularized views/models in Poll Everywhere mobile app for reuse in other projects

Projects

PledgeHub (2013-2014)

Kickstarter clone with automated email newsletters, administrative control panel, and campaign landing pages (Django/Mandrill/Balanced Payments)

Education

UC Berkeley
2015 — present

Pursuing B.A. in Computer Science, expected graduation May 2019.

Skills

Strong

JavaScript, Node.js, React, Backbone.js, Python, Django, UNIX, Git, HTML, CSS

Working Knowledge

SQL, Angular.js, Java/Android SDK, Elasticsearch