

Francesco Agosti

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EDUCATION

DUKE UNIVERSITY
COMPUTER SCIENCE B.Sc.
May 2015 | Durham, NC

SOCIAL

Github:// [fragosti](#)
LinkedIn:// [fragosti](#)

SKILLS

PROGRAMMING

Expert:

Javascript • Swift • Python •
HTML • CSS

Experienced:

Java • Obj-c

Technologies:

React • GraphQL • Flow
PostgreSQL • Node • Django
iOS • Numpy/Pandas • AWS
Etc...

PROJECTS

CryptoInsomnia

In progress

- Hacker News for crypto.
- Aims to improve quality of crypto discussion.

EthereumCanvas

Site • Code • HN

- A dApp where you can save drawings onto the Ethereum blockchain.
- Hit front page of Hacker News.

Codenail

Site • App Code • API Code • PH

- Create and order merchandise of your code and logo.
- Over 50 items sold.
- Featured on Product Hunt.
- Tweeted by Ryan Hoover.

INTERESTS

Soccer (Team Captain) • Tennis
Snowboarding/Skiing • Basketball
Startups • Blockchain

EXPERIENCE

YELP | SOFTWARE ENGINEER

Aug 2015 – Present | San Francisco, CA

- Led a cross-team, 6 engineer effort to modernize the Search frontend infrastructure by re-writing it in ES6/React and migrating it to a service.
- Created a styleguide of over 30 reusable components with full documentation and 100% test coverage.
- Led a team of 2 engineers in a complete re-write of the Search feature in the iOS app, going from Obj-c to Swift.
- Mentored 2 web and 1 iOS intern throughout the completion of their summer internship projects. Also onboarded many full-timers.
- Reduced the load time of the Search page by 500ms (30%) in the Yelp mobile apps.
- Led several efforts to improve iOS testing infrastructure and coverage, getting search test failures to 0.
- Created several dashboards and alerts to monitor performance and app errors using Splunk.
- Conducted in-depth experiment and performance analysis using Pandas and Numpy.

JUSTALEVEL | LEAD ENGINEER

Feb 2017 – May 2017 | San Francisco, CA

- Won a £50,000 contract from the U.K. government to build an educational platform for A-Level CS curriculum.
- Led the development of the app from idea to project scoping to full-featured platform.
- Leveraged AWS technologies such as Lamda, Elasticbeanstalk, RDS, SES to deliver scalable solutions from the start.
- Sole developer of the GraphQL backend, which is built on Node.js and runs on AWS Lambda.
- Collaborated with one other engineer to build the React / Apollo front-end application.

S&P CAPITAL IQ | SOFTWARE ENGINEERING INTERN

May 2014 – Aug 2014 | New York, NY

- Developed a graphical programming framework to analyze data from S&P Capital IQ using Polymer.
- Presented my project to over 50 full time employees at the end of the internship.
- Built a financial services social network with 7 other interns using Ember.js and Node.js.

CYTORA | SOFTWARE ENGINEERING INTERN

Jan 2014 – Apr 2014 | London, UK

- Refactored front-end Angular.js app to make code more modular and concise. Periodically implement new features.
- Used Elasticsearch to allow users to search millions of articles worth of data.
- Implemented a centralized log monitoring system for cloud instances using Elasticsearch, Logstash and Kibana.