



Yonatan D. Laurence

FULL STACK SOFTWARE ENGINEER · PHILADELPHIA, PA

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SUMMARY

Intellectually curious, full-stack polyglot with five years experience building scalable solutions tailored around the user experience. Some personal favorite technologies include React, Ruby, Node, and PostgreSQL.

PROGRAMMING LANGUAGES

Javascript	<div><div></div></div>	9
Ruby	<div><div></div></div>	8
SQL	<div><div></div></div>	7
Java / Scala	<div><div></div></div>	5
Python	<div><div></div></div>	5

EDUCATION

BOSTON UNIVERSITY, 2014

B.S. Mechanical Engineering, Cum Laude, 3.65 GPA

HUMAN LANGUAGES

Fluency: English · Hebrew

Proficiency: ASL · German · Mandarin Chinese

EXPERIENCE

PRESENT • TECHNICAL MANAGER / FULL-STACK DEVELOPER

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JUL 2016
The Learning Center for the Deaf · Framingham, MA
<http://www.asleducation.org/>

Leads rotating teams of 1-5 student full-stack developers for research applications focused on American Sign Language (ASL) education and language assessment. Translates business requirements to test cases and features; conducts code review; and oversees hiring, budgets, and project deadlines.

ASLAI Reporting Server

Built PostgreSQL and Ruby on Rails reporting server from legacy FMP data store. Reduced report delivery time from days to minutes. Tool serves dozens of school districts across the US.

ASL Clear Search <http://www.aslclear.org/>

Developed visual search engine in AngularJS and a Ruby on Rails REST API modeled around ASL. Specifically designed for younger students who cannot use English text input.

JUN 2016 • SOFTWARE ENGINEER

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SEP 2014
Paytronix Systems, Inc. · Newton, MA
<https://www.paytronix.com/>

Full-stack Java and Scala developer for real-time transaction engine processing millions of restaurant loyalty transactions a month. Formerly a Big Data engineer developing BI tools and ETLs for HDFS.

Marketing CMS Email Tool

Rewired self-service WYSIWYG email tool written in JS and Lift to prevent CSS clashes, a tool which is used by hundreds of marketers a day.

Check and Loyalty Data Adaptor

Built Point of Sale-specific data adaptor ETL in Scala, which combined restaurant loyalty transactions with check-level data in Hadoop.

SEP 2014 • FRONT-END DEVELOPER

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APR 2013
Boston University CSCD · Boston, MA
<http://www.bu.edu/cscd/>

Leveraged AngularJS to build language vetting and analysis tools for American Sign Language.