



Yonatan D. Laurence

FULL STACK SOFTWARE ENGINEER · PHILADELPHIA, PA

✉ yonatanlaurence@gmail.com

@yangningBU

in <https://www.linkedin.com/in/yonatan-laurence>

📞 +1.215.900.4585

@enginear45

<https://www.yonatanlaurence.com>

SUMMARY

An ever-curious full-stack engineer with a passion for learning, problem-solving, and delivering tools that make a difference. Polyglot to the extreme. Huge fan of functional programming, writing tests, and prioritizing the user experience.

PROGRAMMING LANGUAGES

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

HUMAN LANGUAGES

Native: English and Hebrew
Conversant: Mandarin Chinese, German, and ASL

EDUCATION

BOSTON UNIVERSITY, 2014

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

EXPERIENCE

- 2018 → Now • **SENIOR SOFTWARE ENGINEER** <https://www.tweddle.com/products-services/tracer.html>
Tweddle Group · Detroit, MI
Primary engineer for Tracer development team. Tracer is an on-line manufacturing tool that maps Diagnostic Trouble Codes (DTCs) to source components in a operator-friendly and efficient way.
- 2016 → 2018 • **TECHNICAL MANAGER / FULL-STACK DEVELOPER** <http://www.asleducation.org/>
The Learning Center for the Deaf · Framingham, MA
Led rotating teams of 1-5 student full-stack developers for research enterprise focused on American Sign Language (ASL) education and language assessment.
 - ASLAI Reporting Server**
Built PostgreSQL and Ruby on Rails reporting server from legacy FMP data store. Reduced report delivery time from weeks to hours. 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 and text input
- 2014 → 2016 • **SOFTWARE ENGINEER** <https://www.paytronix.com/>
Paytronix Systems, Inc. · Newton, MA
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
- 2013 → 2014 • **FRONT-END DEVELOPER** <https://www.bu.edu/cscd/>
Boston University CSCD · Boston, MA