

Louis Rassaby

Software Engineer

louis@rassaby.com

Technologies

Languages – Java, Scala, Python, SQL, Flume/Spark, Javascript/Typescript

Specialties – Scalable backends, JVM, functional programming, batch computing, fullstack

Experience

Google – New York, NY – *Software Engineer* Sept. '18 – present

- Working on backends and web apps for Jamboard and Google Meet hardware

Weill Cornell Medicine – New York, NY – *Freelancer* Apr. '18 – Sept. '18

- Developed pipeline for processing and analyzing 3D microscope data on a 300+ node cluster

Wirefreight – New York, NY – *Co-founder* Jan. '18 – Sept. '18

- Founded customer service platform for logistics companies and ran pilot in freight forwarder

Phosphorus Genomics (spinoff of Recombine) – New York, NY – *Tech Lead* May '16 – Dec. '17

- Managed the New Ventures engineering team with three direct reports
- Implemented multi-tenancy across 10 Scala and RoR apps using PostgreSQL row level security
- Developed algorithm using Apache Spark for identifying regions of low quality sequencing reads

Recombine Genomics (acquired in May 2016) – New York, NY – *Software Engineer* Feb. '15 – May '16

- Transformed terabytes of genetic data into actionable results in a high-performance Scala API
- Built software to educate over twenty thousand people on their risks of genetic disease
- Built purely functional diagnosis pipeline that generates internationalized reports

GE Intelligent Platforms – Foxboro, MA – *Software Engineering Intern* May '14 – Aug. '14

- Implemented module for internationalization and created Pig Latin language pack for unit testing
- Resolved SQL deadlocks that were causing intermittent errors for the client

Avast Antivirus – Prague, Czech Republic – *Software Engineering Intern* June '13 – Aug. '13

- Built crash management app to prioritize crash reports based on frequency and severity
- Created internal tool for teams to reserve and load disk images onto virtual machines

Education

Tufts University – Medford, MA Sept. '11 – Dec. '14

B.Sc. Computer Science, Minor: Economics

G.P.A. 3.93, *summa cum laude*, Dean's List all semesters