

Mantas Matelis

me@mantasmatelis.com

Experience

Cardiogram | July 2018 – Current

Software Engineer | San Francisco, California

- Designed and executed on a plan to migrate the primary data store from Postgres to Cassandra to improve latency and scalability
- Led infrastructure efforts: implemented an analytics pipeline, designed and built an A/B test framework, started initiative to integrate observability & alerting, improved tail latency 7x
- Mentored an intern in creating an automated A/B test analysis tool

Airbnb | May – September 2017

Software Engineer Intern | San Francisco, California

- Designed and ran pricing display experiments end-to-end to improve booking conversion and compliance (Rails)
- Developed an email campaign to encourage hosts to update their pricing settings more frequently

Quora | August – December 2016

Software Engineer Intern | Mountain View, California

- Increased user follows from suggestions by 30% by improving the recommendations machine learning model
- Built an efficient system to run PageRank on arbitrary graphs and improved user relevance estimation by adding PageRank as a feature to the model (C++, Python)

Apple | January – April 2016

Software Engineer Intern | Sunnyvale, California

- Developed features for a high-scale internal proxy (Java)
- Improved performance by building a library to isolate system failures with support for asynchronous programming
- Designed and built a monitoring system to detect and warn about statistically abnormal servers amongst instance pools

Coursera | January – May 2015

Software Engineer Intern | Mountain View, California

- Reduced home page load time by 50% by developing a service to render Javascript SPAs on the server (Scala, Node.js)
- Worked closely with team and external partners to architect a system that runs instructor-written grading software on programming assignments with Docker (Patent 20170103673)

Kaizena | October – December 2015, May – August 2016

Software Engineer Contractor | Waterloo, Canada

- Developed the Kaizena Shortcut Google Docs add-on and the associated API calls (React, Node.js)
- Wrote a feature to integrate Google Classroom and Kaizena to sync classes, teachers, students, and assignments intelligently

Zynga | April – August 2014

Software Engineer Intern | Toronto, Canada

- Designed and built a system to capture in-app purchase lifecycle events from mobile devices to diagnose failures (Rails)
- Implemented consistent duplication of traffic to a staging environment in the open-source software “Gor” (Go)

Education

University of Waterloo

Bachelor of Computer Science, 2018

With Distinction, Dean's Honours List

Wilfrid Laurier University

Bachelor of Business Administration, 2018

References

I was blown away by Mantas's talent and work ethic. He is a great communicator and teamworker and has a very positive presence on the team. During his internship he was very involved in all our technical discussions and provided great insight. He is always willing to lend out a helping hand in whatever way possible. I would love to work with him again.

— Nishchaie K, Apple

Mantas is, without a doubt, the best intern we've had from any school on the Infrastructure team over the last 2 years (9 in total).

Mantas ramped up on our engineering stack literally within days and was a fully productive member of the team within a couple weeks.

— Nick D, Coursera

Skills

Languages

Python • Ruby • JavaScript • Java • Scala • C/C++ • Go • HTML/CSS • Rust

Technologies

Linux • Git • PostgreSQL • ML • Redis • AWS • Shell • Netty