

Mantas Matelis

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Experience

Airbnb | May - August 2017

Software Engineering 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 | September - December 2016

Software Engineering 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 Engineering Intern | Sunnyvale, California

- Developed features for a high-scale Netty-based internal proxy in Points-of-Presence around the world (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 - April 2015

Software Engineering 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)
- Built an interface that automatically and gradually rolled-out microservice deployments (React)

Kaizena | October - December 2015, May - August 2016

Software Engineering 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
- Built new Notifications, New Conversation, and Conversation Settings pages (AngularJS, MongoDB, Node.js)

Zynga | May - August 2014

Software Engineering Intern | Toronto, Canada

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

Education

University of Waterloo

Bachelors in Computer Science
Expected April 2018

Wilfrid Laurier University

Bachelors in Business Administration
Expected April 2018

References

Mantas is one of the best interns I've had a chance to work with. 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**

Mantas had an outstanding term working with our Economy team at Zynga. He quickly learned many new technologies, programming languages, environments and concepts.

— **Duane H, Zynga**

Skills

Languages

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

Technologies

Linux • Git • SQL (MySQL, Postgres) • ML • Redis • AWS • Shell • Netty