

Christopher Lillthors 📅 5 Oct 1991

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Education

2016–2018 (expected) MSc, Interactive Media Technology (Computer Science); Royal Institute Of Technology

Key Subjects:

Visualization, Web Development, Human Computer Interactions

2013–2016 BSc, Computer Science; Royal Institute Of Technology

Key Subjects:

Software Engineering, Database technologies, Algorithms, Data Structures and Complexity, Operating Systems, Team Leadership and Human Resource Management

Degree Project:

Comparing ALS And SGD Over A Variable Number Of Latent Features Using Graphlab Create's Factorization Machine

2013–2013 Preparatory Semester; Royal Institute Of Technology

Preparatory semester for the engineering programmes.

2012–2013 Mathematics 1 (Independent Course); Stockholm University

Introductory course to university level mathematics.

2007–2010 Gymnasium, Computer Science; STI

Technology Summary

- Programming Languages:
 - Proficient: Go, Javascript, Java, C/C++, Python.
 - Familiar with: Haskell, Erlang, Prolog, Scala.
- Version Control: Git
- Databases: MongoDB, RethinkDB, CouchDB, PostgreSQL
- Operating Systems: Mac OS, Gnu/Linux

Professional Experience

2015–Present Devops engineer; The Quality Advertisement Company (QUAD)

Develop and maintain a group of highly distributed applications using a combination of node, go and scala. Build a scalable network using Docker, Vmware vCloud, AWS and various other tools. Manage all phases of software development, from coding and prototyping through testing and deployment.

Accomplishments:

- Boost the effectiveness and performance of the system by using technologies targeted at multi core processors, gaining near 2x the speed.
- Manage up to 20 computers using docker swarm to scale the infrastructure when needed to handle hundred of thousands of requests from Sweden's biggest news sites.
- Developed a responsive web application using modern web technologies such as react, redux and d3 to consume and visualize the huge amount of data produced from ads.
- Supervise the infrastructure in near realtime using tools such as the ELK-stack and Datadog to effectively discover pitfalls and strengthen the infrastructure.

Other Experiences

2010–2011 Military Service; Swedish Armed Forces

2007–2015 Shop assistant; Hemköp Wasahallen

Part time job, worked mainly on the floor unpacking the deliveries that came in the morning and when needed assist in the checkout.

Positions Of Responsibility

2016–Present TA in DD1331 Fundamentals of Programming; Royal Institute Of Technology

- Lab assistant for first year physics students learning Python
- Explaining basic programming concepts and learning the students how to use git.

Activities/Interests

- Sport: Enjoy badminton and cross country skiing.
- Travel: Travelled to various parts of Europe and America.
- Other: Watching baseball and exercise.

Language Skills

- English: Advanced in both speech and writing
- Swedish: Mother tongue

References

Available on request.