

Max Meldrum

Curriculum Vitae

About me

My name is Max Meldrum. I am currently doing my master's at Royal Institute of Technology. I am very sociable and extremely patient. I love learning new things, especially new technologies. My main interests are Network programming, Distributed Systems, Cloud Computing, Functional Programming and UNIX/Linux.

Education

2017-Present Software Engineering of Distributed Systems (MSc), Royal Institute of Technology, Sweden, Stockholm.

2014–2017 Bachelor of Software Engineering (BSe), Blekinge Institute of Technology, Sweden, Karlskrona.

Research

Distributed Flexible Paxos: An Industry Perspective

Consensus Collaboration with Ericsson AB Paper can be found down below:

maxmeldrum.com/assets/files/FPaxos_An_Industry_Perspective.pdf

Work experience

May - Interim CTO, PIGGI AB, Stockholm.

Present 2017 Startup company

- AWS
- Android
- Backend Development

June - August Software Developer, ERICSSON VIA HIQ, Karlskrona.

2016 Developer and Scrum Master in a team of six

Main project:

- Project: Building a distributed system using the Akka toolkit
- Akka clustering in two PaaS's (Platform as a Service)
- Kubernetes and Apcera platform
- Openstack, Docker and Scala

Assisted in another project:

- Large scale data handling
- Apache Spark and Cassandra

Projects

BTH 2017

Large group software project course.

- January-June Team of 15 students
 - o Responsibilities: Team Leader and Developer
 - Client: Qvantel
 - Project: Data visualization of company data
 - o Grafana, Scala, Cassandra, Docker, Python, Bash and Graphite

BTH 2016

Small group software project course.

- Team of 4 students
- Responsibilities: **Scrum Master** and Developer
- Contractor: HiQ IT consultancy
- Client: Ericsson
- Project: Evaluation for the creation of an Openstack cloud service with autohealing and auto-scaling capacity
- Openstack, Docker, Kubernetes, Magnum API and Python

BTH 2015

Individual software project course.

- Creation of an Asset Management System for SoftHouse, a software development consulting firm.
- IOS platform
- Java, JDBI, Swift, Dropwizard, H2 and JSON

Github

Projects coded in my spare time.

Github profile: https://github.com/Max-Meldrum

Portfolio site

maxmeldrum.com

Programming skills

Basic Javascript

Intermediate Spark, AWS, Akka, Erlang and Python

Advanced Unix/Linux, C, Scala, Java, Openstack and Kubernetes

Languages

Swedish Mother tongue English Mother tongue

Other stuff

- Black belt in Hapkido, Assistant in- Playing football with friends structor
- Reading books

- Cooking

References

HiQ klas.nystrom@hiq.se

CEO HiQ Karlskrona

Ericsson ruwan.lakmal.silva@ericsson.com

Software Architect