Simon Thelin

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Work Experience

August 2018 – (ongoing)   **Data Engineer**, *Yieldify*, London.
- Data Engineer for large scale data modeling/processing and analytics. Technology's used such as Apache Spark, AWS, Python, Typescript.

January 2018 – August   **Developer Connected Vehicle Cloud**, *Ericsson AB*, Gothenburg.
- Developer for Continuous Deployment (CD), KeyCloak, Microservices, Kafka, Java Spring, Terraform, Elastic Search, Kibana, Ansible, Golang and Python.

June 2017 – December 2017   **Software Engineer**, *Drivec AB*, Helsingborg.
- Integrating GPRS/GPS and CAN[1] hardware. Preparing data for machine learning solutions. Quality assurance work involving analyzing data from vehicles. Technology's used such as Node.js, Android.

June 2011 – May 2017   **Support & Field Test Engineer**, *Drivec AB*, Helsingborg.
- Technical and customer support together with calibration of fleet management systems across 3000 vehicles to clients and customers in the Nordic region.
- Responsible for project roll outs of vehicles in the Nordic region.
- Performed reverse engineering on vehicle data protocols[1].

June 2015 – March 2017   **Software Engineering Trainee**, *Drivec AB*, Helsingborg.
- Responsible for the user interface and backend communication layer for an eco-driving Android application.

March 2016 – May 2016   **Algorithm & Data Structure T.A**, *Halmstad University*, Halmstad.
- Teaching assistant during computer labs in the Data Structure and Algorithms in Java course.

Education

2014–2017   **BA of Science in Engineering, Computer Science & Engineering**, *Halmstad University*, Sweden.
- ***Machine Learning thesis project where we delivered a cloud module called ITMS - MLA**[2]*. Which was honored as the best thesis in the categories of Computer Science, Electronic, Mechatronic Engineering.

2016–2017   **Exchange Student BA Computer Science & Engineering**, *Korea University*, South Korea, 87.2/100 GPA.

2012–2013   **Computer Science**, *Malmö University*, Sweden.

Language skills

- Native Swedish. Fluent English. Basic Korean.

Technical skills

- Main Operating systems (Intermediate 1-6 years): **Ubuntu, Microsoft**
- Main Version Control & IDE's (Intermediate 3 years): ***Git, Gerrit, PyCharm, IntelliJ, Visual Studio Code***
- Main Programming/Script Languages (Intermediate 1-3 years): ***Java, Python, C, JavaScript***
- Other Programming/Script Langagues (Basic < 1 year): ***GoLang, Scala, R, Typescript***
- Main Cloud Technology (Basic < 1 year): ***Azure, AWS, Go.CD, Jenkins, Apcera, Kubernetes, Docker***
- Main Big Data Tools (Basic < 1 year): ***Kafka, AWS Redshift, Postgresql, Apache Spark***
- Data Engineering/Science Notebooks (Basic < 1 year): ***Apache Zeppelin, Jupiter***
- Certifications: **[Coursera - Machine Learning]**
- Publications ITMS - MLA[2]: **[Thesis - Diva Portal][IOP Science Publication]**

References

Portfolio: **[GitHub]**
Honors & Awards: **[Scholarship - Best Thesis] [Scholarship - Sparbanken Kronan]**

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[1]CAN - Controller Area Network
[2]ITMS MLA - Indirect Tire Monitoring System - Machine Learning Approach