

# Simon Thelin

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## Work Experience

- August 2018 – **Data Engineer**, *Yieldify*, London.  
(ongoing) ○ Data Engineer for large scale data modeling/processing and analytics. Technology's used such as Apache Spark, AWS, Python, Typescript.
- January 2018 – **Developer Connected Vehicle Cloud**, *Ericsson AB*, Gothenburg.  
– August ○ Developer for Continuous Deployment (CD), KeyCloak, Microservices, Kafka, Java Spring, Terraform, Elastic Search, Kibana, Ansible, Golang and Python.
- June 2017 – **Software Engineer**, *Drivec AB*, Helsingborg.  
December 2017 ○ Integrating GPRS/GPS and CAN<sup>1</sup> 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 – **Support & Field Test Engineer**, *Drivec AB*, Helsingborg.  
May 2017 ○ Technical and customer support together with calibration of fleet management systems across 3000 vehicles to clients and customers in the Nordic region.  
○ Performed reverse engineering on vehicle data protocols<sup>1</sup>.
- June 2015 – **Software Engineering Trainee**, *Drivec AB*, Helsingborg.  
March 2017 ○ Responsible for the user interface and backend communication layer for an eco-driving Android application.
- March 2016 – **Algorithm & Data Structure T.A**, *Halmstad University*, Halmstad.  
May 2016 ○ 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<sup>2</sup>**. 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**
- Main Machine Learning Framework Libraries (Basic < 1 year): **scikit-Learn, spark-ml**
- Other Programming/Script Languages (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<sup>2</sup>: [\[Thesis - Diva Portal\]](#)[\[IOP Science Publication\]](#)

## References

Portfolio: [\[GitHub\]](#)

Honors & Awards: [\[Scholarship - Best Thesis\]](#) [\[Scholarship - Sparbanken Kronan\]](#)

<sup>1</sup>CAN - Controller Area Network

<sup>2</sup>ITMS MLA - Indirect Tire Monitoring System - Machine Learning Approach