

# Simon Thelin

## Work Experience

- January 2018 – (ongoing) **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 – **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.
  - Responsible for project roll outs of vehicles 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.
- 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.
  - Delivered a prototype for an ingredient check up app for allergy at the hackathon Hack4Health in April 2016.
  - Attended education and preparations for 6 months to be able to be responsible for the team building process for new students at the introduction week at the IT section fall 2015.
  - Representative during the open day in March 2017 for the IT section at Halmstad University.
- 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 speaker, fluent in English and beginner knowledge of Korean.

## Technical skills

Main Operating systems (Intermediate): **Ubuntu, Microsoft**

Main Programming/Script Languages (Intermediate 1-3 years): **Java, Python, C, JavaScript**

Other Programming/Script Languages (Basic < 1 year): **GoLang, Terraform, Ansible**

Main Cloud Technology (Basic < 1 year): **Azure, AWS, Go.CD, Apcera (Similar to Kubernetes), Docker**

Main Big Data Tools (Basic < 1 year): **Kafka, Elastic Search, Kibana, MongoDB, Postgresql**

Main Version Control & IDE's: **Git, PyCarm, IntelliJ, Visual Studio Code**

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