

# Simon Thelin

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## 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 and Ansible.
- 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 **Computer Science & Engineering**, *Halmstad University*, Sweden.
- Delivered a cloud module called ITMS<sup>2</sup> - Machine learning approach.** 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.
- Attended courses in Computer networks, Information security, Software Engineering, Internet Programming together with international and Korean students.
  - Developer for the anonymous location based messages application **www.klotter.co** together with international students, A+ received.
- 2012–2013 **Computer Science**, *Malmö University*, Sweden.

## Language skills

Native Swedish speaker, fluent in English and beginner knowledge of Korean.

## Technical skills - Practical Experience

Programming/Script language<sup>3</sup>: **Java**→ 3, **C**→ 3, **Javascript**→ 3, **Python**→ 3, **Terraform**→ 2, **Ansible**→ 1  
Applications<sup>3</sup>: **Microsoft Office**→ 3, **Libre Office**→ 3, **Mathematic**→ 2, **MatLab/Octave**→ 2, **Eclipse**→ 3, **IAR Studio**→ 2, **Visual Studio Code**→ 2, **IntelliJ IDE's**→ 3, **shareLaTeX**→ 3, **Git**→ 2, **Gerri**→ 2

## References

[GitHub] [LinkedIn] [Thesis: ITMS<sup>2</sup> - Machine Learning Approach] [IOP Science Publication: ITMS<sup>2</sup> - Machine Learning Approach]

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

<sup>2</sup>ITMS - Indirect Tire Monitoring System

<sup>3</sup>Level 1 = beginner, 2 = basic, 3 = intermediate, 4 = advanced