

## Work Experience

- June 2017 – **Software Engineer**, *Drivec AB*, Helsingborg.  
(ongoing)
- Integrating GPRS/GPS and CAN hardware to be connected to the cloud.
  - Developed machine learning application in Node.js, to be deployed in the cloud. This backend solution is to allow more intelligent vehicle warnings to clients and customers.
  - Quality assurance work involving analyzing data from the vehicles and from our cloud storage to ensure end to end data integrity.
- June 2011 – **Support & Field Test Engineer**, *Drivec AB*, Helsingborg.
- May 2017
- Responsible for continuous technical and customer support together with calibration of unique individual and groups of systems across 3000 vehicles to clients and customers in the Nordic region.
  - Responsible for project roll outs of vehicles in the Nordic region. The job required travels within this region and Europe.
  - Performed reverse engineering on vehicle data protocols<sup>1</sup> to improve and innovate existing products.
- 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.
  - Fieldtests including research and analysis of data protocols<sup>1</sup> on tractor and harbour trucks where the results were implemented in the 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 Indirect Tire Pressure Monitoring System - 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 during 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 Information Technology section fall 2015.
  - Attended as a representative during the open day in March for the Information Technology 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](http://www.klotter.co) together with international students, A+ received.
- 2012–2013 **Computer Science**, *Malmö University*, Sweden.
- 2009–2011 **Vehicle Electronics**, *Polytechnic School Of Helsingborg*, Sweden.

## Language skills

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

## Technical skills

Programming language: **Intermediate:** Java, C, C++, MySQL, Javascript, PHP, Python, NoSQL

Applications: **Microsoft Office**, Mathematica, MatLab, Eclipse, IAR Studio, IntelliJ IDE's, *shareLaTeX*, Git

## References

[[github.com/Thelin90](https://github.com/Thelin90)] [[linkedin.com/in/simon-thelin-3ba96986/](https://linkedin.com/in/simon-thelin-3ba96986/)] [Thesis, urn:nbn:se:hh:diva-34290]

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