Simon Thelin

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Work Experience

January 2018 – (ongoing)
Developer Connected Vehicle Cloud, *Ericsson AB*, Gothenburg.
- Developing connectivity for the modern automotive ecosystem. Technology's such as Continuous Deployment (CD), KeyCloak, Microservices, Kafka, Java Spring, Terraform, Elastic Search, Kibana and Ansible.

June 2017 – December 2017
Software Engineer, *Drivec AB*, Helsingborg.
- Integrating GPRS/GPS and CAN 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.
- 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[1] to improve and innovate existing products.

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.
- Field tests including research and analysis of data protocols[1] on tractor and harbour trucks where the results were implemented in the 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
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 2017 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** 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 language: ***Basic:*** **C++, Kotlin, PHP** ***Intermediate:*** **Java, C, Javascript, Python**
Applications: **Microsoft Office, Libre Office, Mathematica, MatLab, Eclipse, IAR, Studio,Visual Studio Code, IntelliJ IDE's,** *shareLaTeX***, Git, Gerrit, Octave**

References

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

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[1]CAN - Controller Area Network