

# Simon Thelin

## Work Experience

- June 2019 – **Data Engineer, Yoyo Wallet**, London.  
(ongoing)
- Data Engineer for large scale data modeling. Data processing in real time and batch with analytics. Technology's used such as Apache Spark, Terraform, Apache Kafka, AWS, Postgres, Python, Faust, Alembic, Elastic Search, Apache AirFlow.
  - Currently responsible for migrating Postgres to Redshift
- August 2018 – **Data Engineer, Yieldify**, London.
- June 2019
- Data Engineer for large scale data modeling/processing and analytics. Technology's used such as Apache Spark, Apache Airflow, 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
- Head of tech support, 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 Programming/Script Languages (Intermediate 1-3 years): **Python**
- Other Programming/Script Languages (Basic 1-3 years): **Java, Scala, Typescript**
- Main Machine Learning Framework Libraries (Basic 1 year): **scikit-learn**
- Main Cloud Technology (Basic 1-2 years): **Azure, AWS, Jenkins, CircleCI, Kubernetes, Docker**
- Main Big Data Tools & DW (Basic 1-2 years): **Apache (-Airflow, -Kafka, -Spark), Redshift, PostgreSQL**
- 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