

Simon Thelin

Work Experience

- Current **Data Engineer**, *GameAnalytics*, London, **full time**.
- Improving current data pipeline built in PySpark and Hive to insert data into BigQuery.
 - Building up the company data science platform. Including being responsible for best practices for data engineering and implementing data science features.
 - Introduced Apache Airflow from scratch. Responsible for maintaining, teaching others (workshops) in how our schedule and workflow platform works in the data team, and how it can be used elsewhere.
 - Worked closely together with data scientist to put statistical AB testing models into production. This included both data engineering and data science aspects.
- Dec 2019 - **Data Engineer**, *YoYo Wallet*, London, **full time**.
- Jun 2019
- Engineered large scale data modeling. Data processing in real time and batch with analytics.
 - Used technologies such as Apache Spark, Terraform, Kafka, AWS (Redshift, S3, ECS, Kinesis), Postgres, Python, Pandas, Faust, Alembic, ELK stack, Airflow.
 - Was responsible for the data warehouse and for transitioning the BI team to utilise Redshift.
 - Managing an intern within the data team.
- June 2019 - **Data Engineer**, *Yieldify*, London, **full time**.
- August 2018
- Engineered large scale data modeling data modeling. Batch processing and analytics.
- Jan 2018 **Developer Connected Vehicle Cloud**, *Ericsson AB*, Gothenburg, Sweden, **full time**.
- Dec 2017 **Software Engineer**, *Drivec AB*, Helsingborg, Sweden, **full time**.
- May 2016 **Algorithm & Data Structure T.A**, *Halmstad University*, Halmstad, Sweden, **part time**.
- 2015 - 2016 **Software Engineering Trainee**, *Drivec AB*, Helsingborg, Sweden, **part time**.
- 2011 - 2014 **Support & Field Test Engineer**, *Drivec AB*, Helsingborg, Sweden, **full time**.

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 - MLA²**. 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*, KOR, 87.2/100 GPA.
- 2012 - 2013 **Computer Science**, *Malmö University*, Sweden.

Technical skills

- Main Programming/Script Languages: (**>3 years: Python3**), (**>1 years: Terraform**)
- Main Workflow Management Platform: (**>2 years: Apache Airflow**)
- Main Distributed Computing Framework: (**>2 years: PySpark**), (**<1 years: Hive**)
- Main Data Analysis & Manipulation Tool: (**>2 years: Pandas**)
- OS-Level Virtualization Tool: (**>3 years: Docker, Docker-Compose**), (**<1 years: K8S**)
- Main DB Technologies: (**Columnar: Redshift, BigQuery**), (**NoSQL: DynamoDB**), (**RDBMS: Postgres, MySQL**)
- Main Cloud Technology: (**>3 year: AWS**), (**<1 year: Google Cloud**)
- Certifications: [\[Coursera - Machine Learning\]](#)
- Publications ITMS - MLA²: [\[Thesis - Diva Portal\]](#)[\[IOP Science Publication\]](#)

References

Portfolio: [\[GitHub\]](#)

Honors & Awards: [\[Scholarship - Best Thesis\]](#) [\[Scholarship - Sparbanken Kronan\]](#)

¹CAN - Controller Area Network

²ITMS MLA - Indirect Tire Monitoring System - Machine Learning Approach