Data Engineer

Simon Thelin

Flat 41, Canada Wharf, 255, Rotherhithe Street, London, SE16 5ES, UK
✆ +447544382309/+4673 723 60 35
✉ simon.thelin90@gmail.com
🖰 www.linkedin.com/in/simon-thelin-3ba96986/

▬ Work Experience

(on-going) **Data Engineer**, *GameAnalytics*, London, **full time**.
- Building up GameAnalytics data science platform. Including being responsible for best practices for data engineering and implementing data science features.
- Introduced Apache Airflow from scratch. Responsible of maintaining, teaching others (workshops) in how our schedule and workflow platform works in the data team, and how it can be used elsewhere.
- Working on closely with data scientist to put statistical AB testing models into production. Covering both data engineering and data science aspects.

Jun 2019 **Data Engineer**, *YoYo Wallet*, London, **full time**.
- Data Engineer for large scale data modeling. Data processing in real time and batch with analytics.
- Technology's used such as Apache Spark, Terraform, Kafka, AWS(Redshift, S3, ECS, Kinesis), Postgres, Python, Pandas, Faust, Alembic, ELK stack, Airflow.
- Had responsibility for the data warehouse and helping BI team to transition to Redshift.
- Also managing an intern within the data team.

Aug 2018 **Data Engineer**, *Yieldify*, London, **full time**.
- Data Engineer for large scale data modeling/processing and analytics.
- Technology's used such as PySpark, AWS (ECS, Ec2, EMR), Python3, Typescript, Kubernetes, Grafana, Kibana.

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 - MLA***[2]. 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 - MLA[2]: **[Thesis - Diva Portal][IOP Science Publication]**

▬ References

Portfolio: **[GitHub]**
Honors & Awards: **[Scholarship - Best Thesis] [Scholarship - Sparbanken Kronan]**

---

[1]CAN - Controller Area Network
[2]ITMS MLA - Indirect Tire Monitoring System - Machine Learning Approach