

Fredrik Erlandsson

PhD Computer Science

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Passionate and creative data scientist from Sweden with high attention to details and keen to learn more. People-oriented, social and always willing to help.

Work Experience

Full Stack Data Scientist

SAS – Scandinavian Airlines System, Solna.
08/2019—

Smart insights from large data sets to support decision makers in the organization. Onboarding, cleaning and structuring of data. Building reports in Power BI.

Assistant Professor

Blekinge Insitiute of Technology, Karlskrona.
01/2019—

- Bigdata research with data from social media.
- Responsible teacher for the following courses; Database Systems, Computer Security, & Software Security.
- Thesis supervision.

Lecturer

Blekinge Insitiute of Technology, Karlskrona.
07/2017–12/2018, 01/2006–06/2012

- Responsible teacher for the following courses; Communication and Network Security, Data Communications and Network Technologies 1 & 2, Wireless Personal Area Networks, Network Security.
- Responsible for the laboratory environment at the department. Operation, administration and maintenance of computer and network systems.
- Thesis supervision.

Jr. Specialist

UC Davis, Davis, CA.
01/2013–12/2013

- Hired to develop a tool that crawls open pages on Facebook.

Education

Ph.D, Computer Science – Social network analysis

Blekinge Insitiute of Technology, Karlskrona.
06/2012–01/2018

Thesis, (featured in NyTimes nyti.ms/2KDfaHU)
Human Interactions on Online Social Media – Collecting and Analyzing Social Interaction Networks, ISBN 978-91-7295-344-4

Master of Science, Computer Science – Security

Blekinge Insitiute of Technology, Karlskrona.
08/2004–12/2005

Awarded with **Best regional Master Thesis**
Sparbanksstiftelsen kronan, Kalmar.

Technical (IT) Skills

Data science

Python ★★★★★
SciKit Learn ★★★★★
Jupyter Notebook ★★★★★
Pandas, Numpy ★★★★★
Databricks (inc. Spark) ★★★★★☆
SQL (MySQL, MariaDB, SQLServer) ★★★★★
NoSQL (MongoDB, Cassandra) ★★★★★☆
Power BI ★★★★★☆

Languages

Java (inc. Android) ★★★★★☆
Web dev. (PHP/HTML/CSS/JS) ★★★★★☆

Cloud services

Azure (inc. ADF) ★★★★★☆
Docker ★★★★★☆
AWS ★★★★★☆

Other

LaTeX ★★★★★
Git ★★★★★
Unix terminal (bash, sed, awk, perl etc.) ★★★★★☆
Unix system (FreeBSD & Linux) ★★★★★☆

Interests

- Data mining
- Home automation
- Traveling
- Skiing