

Oscar Jacobson

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Education

Uppsala University M.Sc Engineering Physics

Uppsala, Swe

- **Relevant coursework:** Statistics & Probability, Statistical & Probabilistic Machine learning, High Performance Programming, Optimization, Scientific Computing.
- **GPA:** 3.48 / 4.0 **SAT:** 1290 (Year 2018)
- **Föreningen Uppsala Tekniska Fysiker:** Planning and assisting in welcoming weeks for new students.

Aug 2018 - Mar 2025

Volvo Cars

Göteborg & Uppsala, Swe

Master's project

- **Develop a framework** for optimizing computational usage in simulation of car-crash scenarios and presenting the idea to a larger team.
- **Implementing a Bayesian optimization model** to efficiently sample the input space.
- Succeeded as a part of a larger effort to help Volvo cars **keep up with international regulatory standards** and to **increase computational efficiency**.

Aug 2024 - Mar 2025

STUNS Energi & Skolfastigheter AB

Uppsala, Swe

Bachelor's project

Apr-Jun 2021

- Evaluate **peak power usage** in large school kitchens and essential services.
- Perform **large scale data analysis**.
- Identify, visualize and **present misleading energy usage parameters** and suggest systematic improvements.

Experiences

KPMG Sweden (Audit Delivery Center)

Uppsala, Swe

Audit associate

Oct 2021- Jun 2024

- **Perform audits** of housing cooperatives and small businesses in a **large team**.
- Title - **Quality assurance:** Engaged in new employee training, group leader responsibilities, performing quality assurance checks and contributing to department improvements.
- Helping the Stockholm E-Audit team with **large scale data analytics and audits**.
- **Technical skills:** Excel, Python, Powerpoint, Microsoft SQL Server and Power-BI.

Other experience

Uppsala, Swe

Mc Donalds Fyrislund

Mar 2017- Aug 2021

- Trained in Customer service, Cleanliness, Cooperation & Effectiveness and Teambuilding.

Love volunteers

Cairns, Aus

- Conservation of The Great Barrier Reef. Feeding, washing and caring for injured sea turtles.

Jun-Aug 2018

Knivsta Idrottsklubb

Knivsta, Swe

- Summer camp leader, coach, coaching & leadership education.
- Junior Pilot program, helping and preparing younger generations for integration into the senior team.

2014-2020

Skills & Interests

Technical Skills: Python (NumPy, SciPy, Matplotlib, Pandas, TensorFlow, PyTorch, scikit-learn), C/C++, R, Java, Matlab, SQL, SQL Server, LaTeX and Microsoft package (Excel, Power BI, Powerpoint), html, css

Language: Native Swedish, fluent English, conversational Spanish.

Interests: Skiing, Golf, Football, Economics, Environmental conservation and IT/Tech.

General: Swedish Drivers license B.