

Elias Alesand

M.Sc. Student in Information Technology with an AI & Machine Learning profile

Birth year: 1995-11-08

Address: Alsättersgatan 32, lgh 1003, 584 32 LINKÖPING, Sweden

+46733267570 | ✉ elias.alesand@gmail.com | 🌐 eliasalesand.se | 🌐 eliasalesand | 🌐 eliasalesand



Summary

Fifth year information technology student at Linköping University, Sweden. Currently working on my master's degree with a profile in AI & machine learning. Currently looking for work after my degree in 2019.

Education

Master of Science in Information Technology

2017 –

Linköping University

Estimated degree in June 2019

· Master's Profile: AI & Machine Learning

Bachelor of Science in Information Technology

2014 – 2017

Linköping University

Upper secondary technical school with focus on product design and development

2011 – 2014

Ljud & Bildskolan

Work Experience

Ericsson Research Linköping

Jun. 2018 – Sep. 2018

I worked on a project about high precision positioning together with another summer intern. The work involved web development and Python development in Linux environments. The project was later displayed at an open house event.

SUEZ Recycling AB Oxelösund

Jul. 2017 – Aug. 2017

I worked evenings and nights at high pace sanitizing industrial areas at SSAB.

Tystbergabygdends församling

Jun. 2016 – Aug. 2016

Summer job as a groundskeeper.

Relevant Projects

Travel time prediction for buses in Linköping

Sep. 2018 –

As a part of an advanced machine learning course I am currently researching ways to predict bus travel times for the local bus company Östgötatrafiken using machine learning techniques.

MIDI-lights

Aug. 2018 –

In an attempt to make learning to play the piano more fun I created a small Python program that visualizes notes from MIDI files on an addressable LED strip. Can be used to align LED lights to piano keys to learn to play the notes of MIDI files.

A shoulder-surfing resistant graphical password system

Jan. 2017 – Jun. 2017

As my bachelor's thesis me and another student developed a graphical password system for Android designed to be resistant to third parties watching users log in.

Skills

Software	Python (TensorFlow, Keras, Scikit-learn), C++, Java, C#, MATLAB, R, HTML, JavaScript, CSS, Linux, MySQL, Git, Android Development
Languages	Fluent in Swedish and English
Other	Swedish driver's license