



# ARVID EDENHEIM

## Education

### 201508 - 202005 Linköping University, Sweden (Planned)

MSc in Industrial Engineering and Management.  
Master's: Artificial Intelligence and Machine Learning.  
Master's: Logistics and Supply Chain Management.  
Technical specialization: Computer Science.  
GPA 4.2 [5.0].

### 201708-201801 National Central University, Taiwan

Exchange semester.  
Included courses in machine learning, database engineering, digital systems and operations management.  
GPA 4.0 [4.0].

### 201108-201406 Stiernhööksgymnasiet, Rättvik

Science program.

## Professional Experience

### 202001 - Present • Volvo Group, Gothenburg

Master thesis (Logistics) work in Supply Chain optimisation using deep reinforcement learning aiming to optimise the order quantities in Volvo's aftermarket distribution.

### 201908 - 201912 • Nepa, Stockholm

Master thesis (CS) work in machine learning and applied factor analysis with the purpose to improve the core of Nepa's brand tracking engine. I solely implemented a ML-pipeline in R which can either reduce the brand tracking estimation error by 30% or halve the required amount of data, while maintaining the same level of accuracy.

### 201804 - Present • Sole Proprietorship, Linköping

Web development and programming. Involves full stack projects using technologies including, but not limited to, React, Node.js and Google Cloud.

### 201809 - 201912 • We Know IT, Linköping

Web and mobile application development with a great variety of full stack projects. Consultant position with regular customer interaction.

### 201901 - 201905 • Airpelago, Linköping

Startup aiming to create a web-based platform for drone control in cooperation with the Swedish Sea Rescue Society. Tasks mainly involving frontend development in React.

## Skills

### Programming

**Proficient:** R, JavaScript, Python, HTML5, CSS, SQL.  
**Moderate:** Java, Swift, Ada95.  
**Experienced** with libraries & frameworks such as: TensorFlow, Hadoop, Apache Spark, React.js, React Native, Redux, Node.js, Express and Flask.

### Linguistics

Swedish - Native.  
English - Fluent.  
French - Elementary.

### Programs

Proficient: Microsoft Office.  
Moderate: Photoshop.

## Passion Projects

### Motala Kommun

I solely developed an evaluation system to be used by all municipal employees using React and the Google Cloud toolset.

### Rättviksbacken AB

In addition to a new company website, I developed a complete booking system for a small ski company.

## Other

Received the highest average grade of 120 students enrolled in a software development project course, rated by peer students on the experienced contribution of all project members.

Recipient of Dr. Erik Johnsson's Fund scholarship of SEK 30,000 for exceptional academic achievements.

Recipient of scholarship for exchange studies from Sveriges Ingenjörer of SEK 14,000.

Driver's license type B.

### Interests

Skiing, diving, golf, programming & cooking.



[bitbucket.org/arvidede](https://bitbucket.org/arvidede)



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