

# Adam Jacobs

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I create tech with my toolbox in digitalization, production software, and self-going projects. Love learning and experiencing the unknown

## Machine Learning

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- **Ericsson, Data Science Intern**  
Causality methods in 5G data. Contributed to paper and started new collab between US+Swedish AI groups (summer 2021)
- **Rebase.energy, Freelancer**  
Integrating MLops to distributed energy data science platform (spring 2021)
- **Bachelor Thesis**  
Effects of Transfer Learning on Data Augmentation with Generative Adversarial Networks. Around 600 views on kth.diva-portal.org (2019)

## Projects ([github.com/worldyn](https://github.com/worldyn))

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- **SaaS, Vaccinalert.se**  
SaaS that scrapes 1177.se, and notifies users when their age group can be vaccinated. Took optional swish payments (2021 spring+summer)
- **Spotify, Podcast Speech Synthesis**  
Using Tacotron2 to summarise podcasts with a natural voice, using Spotify's podcast dataset. Appraised by Spotify director of research, language tech (2021 spring)
- **Text Summarisation with Deep Learning**  
Used transformers to summarise Amazon reviews (2021 spring)
- **Game Development in Clojure**  
Developed a Hearthstone game engine and frontend with functional programming language Clojure (2020 autumn)

## Education

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- **MSc Machine Learning and Civil Engineer Computer Science**  
KTH Royal Institute of Technology  
*done 2022*

## Software Engineering

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- **Rebase.energy, Software Engineer**  
Product Development. Backend and data science for distributed energy platform. (2021 autumn - current)
- **CTO/Co-founder, Alrgh**  
Legaltech startup. Video chat and matching platform between clients and lawyers. Customer Research, raised 50k and developed MVP (2019-2020)
- **Ericsson, Cloud Developer**  
Ericsson internship, development package for cloud orchestration system. Using magic of SR-IOV and overlay networks. Golang, C, linux, docker, VMs (summer 2018)
- **THS Armada, System Developer**  
Volunteer Backend dev. Delivered finished product with team Python, django, devops, microservices. (2017)
- **Freelancing/Consulting**  
Creating and selling multiple SaaS products. websites, task management systems, apps (2016-2018)

## Business/Project Management

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- **Urban ICT Arena, Junior Project Manager**  
coordinating IOT projects in public sector (summer 2020)
- **Student Union THS and KTH, varying**  
Board Member. Election Committee Team Leader. Student Representative. Organising policies and economy in a democratic organisation (2018-2021)
- **Ericsson, Intrapreneur**  
Ericsson ONE incubator internship, developed business concept with startup within smart grids. Achieved financing for project after final presentation (summer 2019)
- **Jury Member**  
Business Model Awards 2020