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

- **Ericsson, Data Science Intern**
  Researching causality methods for 5G and firewall data. Contributed to paper (https://noms2022.ieee-noms.org/) 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)

- **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

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

Software Engineering

- **Rebase.energy, Software Engineer**
  Creating open source MLops package (using DVC and mlflow). Energy data science. (2021 autumn - current)

- **CTO/Co-founder, Alrght**
  Legaltech startup. Video chat and lawyer matching. 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

- **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