
RECENT PROJECTS

- **Similar articles recommendation (NLP)**
 - The project is done for client Helsinki University at Frosmo Oy. Recommend articles having similar content to the selected one.
- **Similar products recommendation (Image, Text, Metadata)**
 - Recommend products have similar look and information.
- **VIP - Churn prediction (ML)**
 - Predict the potential VIP or Churn customers in the future
- **Music auto composition (DL, Seq2seq)**
 - Master thesis - auto generate music pieces by AI
- **Topic changes in historical newspaper (NLP)**
 - Detect the topics (trend) changing in historical newspaper
- **ML pipeline on AWS**
- **GAN for images and discrete data**

PUBLICATIONS:

- **An Unsupervised method for OCR Post-Correction and Spelling Normalisation for Finnish.** <https://arxiv.org/abs/2011.03502>
- **Benchmarks for Unsupervised Discourse Change Detection.** (under reviewing)

EXPERIENCE

Helsinki University — *Research Assistant* (Jul 2020 - Dec 2020)

- Research on NLP - Seq2seq, text generation models

Frosmo Oy — *Machine learning engineer* (Jan 2018 - Jul 2020)

- Develop ML models, create ML pipeline, integrate to cloud services

Edvisto Oy — *Co-founder, full stack developer* (Jul 2015 - Dec 2017)

- Develop full stack web application - online video editor for education

Clipme Oy — *Full stack developer* (Jan 2015 - Jul 2015)

- Develop full stack ecommerce web application

Web2Fix Oy — *Web developer* (Jul 2013 - May 2014)

- Develop a custom CMS

EDUCATION

University of Helsinki — *Master's Degree* (2017 - 2020)

Computer Science - Algorithms and Machine Learning

Helsinki Metropolia UAS — *Bachelor's Degree* (2012 - 2016)

Information Technology - Web and Mobile development

Hanoi University of Science and Technology — *Bachelor's Degree* (2010 - 2012)

Information Technology

SKILLS

Python, Sklearn, Pytorch, XGBoost, FastText, Doc2Vec, DL, VAE, GAN, Seq2Seq, NMT, Transformers, BERT, OpenCV, Django, SQL, NoSQL, JS, HTML, AWS, Git, Linux.