



**PORTFOLIO:** My recent projects are listed here <https://ruathudo.github.io>

## EDUCATION

- **University of Helsinki** — *Master's Degree* (2017 - 2021)  
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

## 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

## AWARDS:

- **Won the First Prize of Helsinki Region Infoshare (HRI) for creating innovative applications based on open data.**
- **Machine learning certificate**  
<https://www.coursera.org/account/accomplishments/certificate/33XRJG7MPSFM>
- **Introduction to Bigdata certificate**  
<https://www.coursera.org/account/accomplishments/certificate/LC9DGKZXMLG2>

## SKILLS

Machine Learning, Deep Learning, NLP, VAE, GAN, Seq2Seq, Transformers, BERT.

## Tools

Python, Sklearn, Pytorch, Tensorflow, XGBoost, FastText, Gensim, Pandas, Numpy, Django, SQL, NoSQL, JS, HTML, AWS, Git, Linux.