Lars Lien Ankile

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Education

Harvard University	**Sep. 2022 – Current**
MS Data Science (concentration in ML, Software Engineering, Statistics)—GPA 4.0	*Cambridge, MA*

Teaching Fellow: *CS 207 Systems Development for Computational Science (Prof. Wermelinger)*
Member: *Harvard Quantum Computing Association*

Norwegian University of Science and Technology	**Aug. 2017 – Jun. 2022**
M.Sc. Industrial Economics (Quant. Finance and CS/ML)—Ranked 1/150, GPA 3.96	*Trondheim, Norway*

Teaching Fellow: *Discrete Mathematics, Computer Networking, Reinforcement Learning, Univariate and Multivariate Calculus, Marketing*

Harvard University	**Sept. 2019 – Jun. 2020**
Foreign Exchange, Visiting Undergraduate Student— GPA 4.0	*Cambridge, MA*

Member: *Harvard Computer Society, Harvard College Running Club*

Work Experience

Kukula Capital Zambia	**Jun. 2022 – Aug. 2022**
*Volunteer Analyst	Excel, PowerBI, Pandas*	*Lusaka, Zambia*

Analyzed and recommended change of Zambian Tax code to the Department of Finance; Created Python program that analyzed shipment data to detect theft; Created comprehensive job creation impact report in PowerBI; Analyzed EV economics in Zambia

Explore Equity	**Aug. 2021 – Sept. 2021**
*Investment Analyst Intern	Pandas, Excel, Google Cloud Functions, Factset API, PowerBI, Google Maps API*	*Oslo, Norway*

Created automated public equity screening tool with Python, Factset API, and Google Cloud functions; Leveraged Python and APIs to accelerate private equity research at the firm

McKinsey & Co.	**Jun. 2021 – Jul. 2021**
*Associate Intern	Pandas, Excel, Alteryx, Bing Maps API*	*Amsterdam, Netherlands, Cologne, Germany*

Analyzed Bitcoin mining as economic battery to support renewable development; Collected, processed, and analyzed supply-chain data for multinational client with an Excel, Python, Alteryx pipeline

Boston Consulting Group	**Jun. 2020 – Sept. 2020**
*Visiting Associate	Pandas, Flask, Google Cloud Functions, Java, Excel*	*Oslo, Norway*

Built automated sales pricing software for a client as Flask API; Managed project development of full-stack solution with external developer teams; Reviewed Java Spring code by external developers resulting in team change

Ignite Procurement	**Jun. 2018 – Aug. 2019**
*Software Engineer	Django, Pandas, React, Elasticsearch, GCP, CircleCI*	*Oslo, Norway*

Developed automated spend-analysis software; Lead Trondheim student office; Recruited and interviewed candidates

Relevant Projects

NTNU Master's Thesis	*Python, PyTorch, Pandas, Eikon API, Google Colab, Weights and Biases*	**Jan. 2022**

Title: *Exploration of Forecasting Paradigms and a Generalized Forecasting Framework*

Harvard NEURO140 Class Project | *PyTorch, Colab, Q-Learning, TCN*   **Nov. 2020**
A reinforcement learning agent that trades different cryptocurrencies using minute data (Prof. Kreiman)

Harvard CS136 Best Class Project | *Python, GCP, Game Theory, Simulation*   **Nov. 2019**
Title: Approximate Strategy-Proofness in Matching Markets (Prof. Parkes)

Auto Fleet Odometer Tracker App (Freelance) | *Dart, Flutter, Google Computer Vision, Firebase*   **May 2019**
An app that allows drivers to easily scan the odometer of the vehicle to register status

Awards

Scholarship: Aker Scholarship (2022)—Norwegian Top Talent Program with full funding
Awards: Akademiet High School—*STEM student of the year* (2014); Janson Foundation (2019)—*Scholarship*; Tess Foundation (2019)—*Scholarship*; Official invitation to the office of the Norwegian Minister of Education (2015)
Competitions: Correlation One, Harvard v. MIT (2020)—*1st*; Equinor AI TECHathon (2018)—*2nd*

Leadership / Extracurricular

Melior Mundi Charity Fund	**Jun 2021 – Present**
Co-Founder and Chair	*Independent Charitable Fund*

Student Body of Industrial Economics	**Jul. 2020 – Jul 2021**
Co-Chair	*Norwegian University of Science and Technology*

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, Typescript, SQL, Dart
Developer Tools: VS Code, git, Kubernetes, Docker, GCP, AWS, Learning VIM
Technologies/Frameworks: Pandas, PyTorch, Django, Flutter, React, Elasticsearch
Languages: Norwegian, English, Basic Spanish, Learning Japanese