

linkedin.com/in/linus-jern
github.com/LinuzJ
linusjern.com

Linus Jern

Helsinki, Finland
linusjern00@gmail.com
+358 40 483 9919

Education

Espoo, Finland	Aalto University	Fall 2020 – Spring 2023
<ul style="list-style-type: none">• B.Sc in Computer Science, Deans list.• GPA: 4.79/5.00.• Relevant Coursework: Programming Parallel Computers; Operating Systems; Databases; Data Structures and Algorithms; Software Engineering; Discrete Mathematics; Machine Learning.• Bachelor's thesis on distributed consensus algorithms		
Helsinki, Finland	Hanken School Of Economics	Spring 2021 – Fall 2022
<ul style="list-style-type: none">• Minor Studies, Finance.• Coursework: Finance and Investments; Capital Budgeting; Pricing of Financial Securities and Derivatives.		

Employment

Software Engineer, Intern	Smartly, Helsinki	May 2023 – Present
<ul style="list-style-type: none">• Worked on cross-platform ad-tech optimization infrastructure supporting: campaign budget allocation, revenue estimation using bayesian modelling, and ad rotation.• Improved reliability of cross-platform action router by optimizing the RabbitMQ queue.		
Software Engineer	Droppe, Helsinki	September 2022 – May 2023
<ul style="list-style-type: none">• Designed and built Droppe's data analytics platform using Fivetran, BigQuery and dbt.• Contributed to the backend. Built CI/CD, translation batch jobs, improved logging etc.• Droppe is a seed-stage startup building a B2B wholesale online marketplace for industrial buyers and suppliers.		
Software Engineer, Intern	Microsoft, Tromsø	June 2022 – August 2022
<ul style="list-style-type: none">• Converted an in-memory property graph engine to work across a distributed system of machines. Enabling horizontal scalability.• Planned and led the project. On-boarded 3 other interns to the project.		
Product Management, Trainee	Nokia, Espoo	May 2021 – September 2021
<ul style="list-style-type: none">• Visualization and combination of massive data from several business-critical data sources.• Creating data pipelines for analytical data, using Python, Azure, M-Query.		
Project Assistant	Bitville, Espoo	July 2020 – December 2020
<ul style="list-style-type: none">• Worked on a data migration project for a major client, reporting to the CEO.• Automated the data migration process, in Python, and saved hundreds of hours of manual work.		
Teaching Assistant	Aalto University	September 2021 – December 2022
<ul style="list-style-type: none">• Courses: Data Structures and Algorithms, Programming I & II, Programming Studio 1.• Held exercise sessions and gave personal feedback to students.		

Languages and Technologies

- Python; Scala; C#; C++; Javascript; Typescript; React; Node; Flask; .NET; Orleans; SQL; HTML; CSS; Linux; Git; GraphQL; MongoDB; Docker.
- Excel, PowerBI (as well as the rest of the MS Office Suite)
- Languages: Swedish (native), English (Fluent), Finnish (Fluent), Spanish (Basics)

Projects

TF 150 Anniversary Website

[Website Link](#)

- Built the website for Teknologföreningen's 150 anniversary year together with a team of two other developers.
- A timeline for the anniversary year with relevant information, managed by a CMS.
- Built using Next.js, Node.js, Strapi. Deployed onto Ansible environment using Docker.

Mini Social Media App

[Github Link](#)

- Twitter-like social media app. Supports multiple users, authentication, likes and comments.
- Built using React, Node.js, Express, GraphQL, MongoDB.

Stock Screening App

[Github Link](#)

- Stock screening application for analyzing stocks.
- Built using Scala, ScalaFX. Data from the Yahoo Finance API.

Additional Experience

National Team - Road cycling

2017 - 2018

- Was part of the Finnish Junior Road Cycling National Team 2017 - 2018
- Learned the value of hard work from competing at the highest level.
- Competed in international races (Belgium, France, South Korea....) with the national team gaining invaluable experience from different cultures around the world.

Chairman of the Student Council

Finnish Naval Academy

2019 - 2020

- Acted as the Chairman of the board for the student council while at the Naval Academy during my year of conscription. The board arranged the Reserve Officer School Ball as well as other events for the students.
- Organized and managed a fundraising campaign, raising 50000€ in 2 months.
- Was the second highest scoring student at the course.