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Linus Jern

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Education

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|--|-----------------------------------|--------------------------------|
| 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

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|---|--------------------------|---------------------------------------|
| 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. | | |
| 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 distributed memory, 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">• Automated a data migration process for a major client, 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, PostgreSQL, RabbitMQ.
- Languages: Swedish (native), English (Fluent), Finnish (Fluent), Spanish (Basics)

Additional Experience

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| National Team - Road cycling | 2017 - 2018 |
| <ul style="list-style-type: none">• Competed in international races (Belgium, France, South Korea....) with the Finnish Junior Road Cycling National Team 2017 - 2018 | |
| Chairman of the Student Council | Finnish Naval Academy |
| 2019 - 2020 | |
| <ul style="list-style-type: none">• Organized and managed a fundraising campaign, raising 50000€ in 2 months. Arranged the Reserve Officer School Ball as well as other events for the students. Was the second-highest-scoring student at the course. | |