

Christoffer Sylve

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EDUCATION

Lunds Tekniska Högskola, LTH (300 hp), Lund, Sweden Expected Graduation, Jun 2027
Master of Science in Engineering, Computer Science and Engineering, Specialization in Machine Learning

Lunds Universitet, LUSEM (180 hp), Lund, Sweden Expected Graduation, Jun 2026
Bachelor's Degree in Business and Economics with specialization in Organization and Management

Key Courses: Cloud Computing, Advanced Applied Machine Learning, Stationary Stochastic Processes, Probability and Statistics, Ethics of AI, Programming Advanced Course, Concurrent Programming, Object Oriented Design, Algorithms and Data Structures

EXPERIENCE

Teaching Assistant Applied Machine Learning | LTH — Lund, Sweden Oct 2025 - Present

- Led weekly lab sessions for **20+ master students**, approving their work through oral presentations and targeted questioning.
- Taught core concepts and practical use of Python libraries such as **NumPy**, **scikit-learn**, **PyTorch** and **Hugging Face**.
- Explained fundamental ML topics including **statistics**, **regression models**, **embeddings**, **CNNs**, **neural networks**.

Summer Intern & Student Ambassador | Accenture — Stockholm, Sweden May 2025 - Present

- **Selected** for a distinguished, extended summer internship with **~0.02%** acceptance rate, where I **planned**, **booked**, and **conducted 40+ interviews** with **senior executives** and **project managers** across diverse industries for **CIO of the year**.
- Took initiative to build **AI-powered** transcription agents, reducing manual workload by over **one week** to previous years.
- **Delivered** recommendation to internal and external stakeholders including **C-suite executives** and **managing directors**.

AI/ML research project | LTH — Lund, Sweden Mar 2025 - Jun 2025

- Developed and evaluated ML models to predict post-transplant complication and survival rate through clinical operative reports.
- **Analyzed** real-world **medical data** from over **470 heart transplant patients**, combining structured and unstructured features.
- Implemented logistic regression using TF-IDF vectorization and grid search in **PyTorch**, **Numpy**, and **Scikit-learn**, achieving up to **0.75 macro F1**. Showing a clear link between language used in operative reports and survival time following heart transplant.

Co-Founder | Studyplan.se — Lund, Sweden May 2024 - Present

- Co-founded **Studyplan**, a tool for engineering students at LTH to plan their master's program with over **960** monthly active users.
- Built a **full-stack** application from scratch using **React**, **Prisma**, and **Clerk**, while streamlining **DevOps** workflows with **Vercel**.
- Studyplan has **helped 1 800+ engineering students** at LTH to plan over **15 000+** courses and over **115 000+** credits.

Full-stack Developer | Pickit — Visby, Sweden Jun 2024 - Aug 2024

- Worked as a full-stack developer at Pickit, a digital asset management system empowering small businesses and large enterprises.
- Implemented **front-end** feature requests in **React** with **TypeScript** and **back-end** functionality in **MongoDB** with **Python**.
- Developed a **product-driven development mindset** by collaborating closely with engineering team, customer success, and management, **ensuring intuitive solutions** aligned with user needs and business goals.

Technology Consultant | Filt Holding — Stockholm, Sweden Mar 2023 - May 2023

- Took solo lead on a **cloud migration** of all company email accounts and all digital assets from **Simply** to **Google Workspace**.
- **Consulted** the **CEO**, **CTO** and **Head of HR** on technical decisions and on how to ensure a smooth transition.
- **Successfully** changed the DNS records, migrated over **50** employee email accounts, **500 000** emails and **2 terabytes** of data.

Software Engineer Intern | Pickit — Visby, Sweden Jun 2022 - Aug 2022

- Designed and developed a **data analytics tool** which allowed employees to get statistics about clients.
- Built an **API** in **Node.js** that retrieved data from **Microsoft Azure** using **KQL** and visualized it using **React.js**.
- **Used** daily by the Pickit **sales force** and **CEO** to track product usage across their clients.

ACHIEVEMENTS AND LEADERSHIP

Finalist LUSEM Start-Up Competition

Reached the **finals** of the Lund University School of Economics and Management startup competition, with **over 50** startup ideas.

Högskoleprovet/Swedish SAT

Placed in the top **0.9%** of all participants with a **perfect score (2.0)** in the **quantitative section** spring 2021.

Concert Event Manager

Responsible for planning, booking artists, and recruitment. Sold over **1,950 tickets** and generated over **500,000 SEK** in revenue.

TECHNICAL SKILLS AND INTERESTS

- **Python** | **Java** | **Scala** | **JavaScript** | **TypeScript** | **PyTorch** | **Scikit-learn** | **TensorFlow** | **Hugging Face** | **React** | **SQL**
- **Git** | **Github** | **GitLab** | **MacOS** | **Windows** | **Linux** | **Docker** | **NumPy** | **MATLAB** | **RStudio** | **Power BI**
- **Agile** | **Extreme Programming** | **Front-end** | **Back-end** | **Full-stack** | **Performance Testing** | **Swedish** | **English**
- **Golf (2.4 hcp)** | **Skiing** | **Football** | **Floorball** | **Padel** | **Foodie** | **Traveling**