William FREDLUND
CV

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📍 Trädgårdsgatan 1, 185 32 Vaxholm   ℹ 1995-02-07   🔗 portfolio-wf.vercel.app/

A newly graduated Bachelor of Science in Computer Engineering with a strong interest in technology and its applications. I have a solid foundation in programming and software development and am driven by a strong desire to continuously grow and learn new technologies. As a quick problem-solver with an eye for detail, I thrive both in independent work and in team environments where collaboration and shared solutions are key.

🎓 EDUCATION

2021-2025	**Bachelor of Science in Computer Engineering**, KTH Royal Institute of Technology
2011-2014	**Information and media technology**, Åva gymnasium

💼 EXPERIENCE

November 2023 – May 2018
Gas station attendant, CIRCLE K, Vaxholm
have excellent customer service skills and can work in a fast-paced environment. I have been responsible for pumping gas, cleaning the store and helping customers with any questions or problems they may have. I was also responsible for managing cash and making sure the store is stocked and organized.

August 2017 – June 2015
Gardener, HORTUM,
Worked in a group with creating gardens and maintenance. Also carried out paving of e.g. terraces and driveways.

August 2014 – June 2011
Deckhand, TALLINK SILJA LINE,
Summer time, I have experience in all aspects of deck work including maintenance, mooring, anchoring and line handling and have basic first aid training.

📊 SKILLS

Frameworks	React, Express.js, Vue.js, Spring Boot, .NET
Databases	PostgreSQL, MySQL, MongoDB
Environments	IntelliJ, Visual Studio, git
Operative systems	Windows , Linux , Android, IOS
Document management	LaTeX, Office package(Word, Excel, PowerPoint)
Languages	Swedish, English

</> PROGRAMMING SKILLS

> Java
> C/C++
> Python
> Elixir
> Javascript
> C#

💻 PROJECTS

PORTFOLIO   2025

🔗 portfolio-wf.vercel.app/   ⚙ github.com/wilfre-oss/portfolio

Designed and developed a personal portfolio website to showcase projects and skills. Focused on responsive design and performance. Built with modern web frameworks and deployed via Vercel.

`Typescript` `React` `Next.js` `Tailwind CSS`

NEURAL NETWORK TRAINER   2025

⚙ github.com/wilfre-oss/NN

Built a neural network from scratch in Python using NumPy, including a GUI for training and model management. Implemented forward and backpropagation without external frameworks, as well as support for saving models.

`Python` `NumPy` `Tkinter`

CHESS BOT   2024

⚙ github.com/wilfre-oss/chess

Explored artificial intelligence by developing a chess-playing AI in C#. Implemented the Minimax algorithm with alpha-beta pruning to evaluate positions.

`C#` `.NET Core`