

# Erik Wanhainen

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M.Sc.Eng. Computer Science and Engineering

✉ erikwanhainen@gmail.com ☎ +46725889808 🌐 erikwanhainen  
in erik-wanhainen 🌐 erikwanhainen.com — Updated: November 9, 2022

## ABOUT

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- Passionate software engineer. Interested in software technology, backend engineering, functional programming, compilers, formal methods and security.
- Experienced in planning, building, and maintaining integrated systems and complete data driven pipelines that continuously operate in production. Experienced in AWS infrastructure.
- Comprehensive knowledge and experience in Scrum and agile processes. Worked as Scrum Master on several occasions and have a proven history of successful work with cross-functional teams.
- **Skills:** Python — Java — C — C++ — Typescript — Clojure — Haskell — PostgreSQL — Git — Scrum — AWS — Vim

## EDUCATION

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- **M.Sc.Eng. Computer Science and Engineering** Stockholm  
*KTH Royal Institute of Technology* *Aug 2018 – June 2023 (Present)*
  - Degree project, first cycle, **Generating Realistic Neuronal Morphologies in 3D using a Generative Adversarial Network.**
  - MSc in Computer Science. Track in Software Technology.
- **Exchange Program, Computer Science and Engineering** Seoul  
*Seoul National University* *Feb 2022 – June 2022*
  - Courses from the Department of Computer Science and Graduate School of Data Science.
  - Made an entire compiler in C++.
- **Machine Learning, Extracurricular Online Course** Online  
*Stanford University* *2019*
  - Online non-credit course in Machine Learning.
  - The course focused on machine learning, datamining, statistical pattern recognition and implementation in Matlab.
- **Searching for Extraterrestrial Intelligence** Uppsala  
*Uppsala University* *2017*
  - Course about searching for extraterrestrial intelligence and basic astronomy.

## EXPERIENCE

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- **Software Engineer** Stockholm  
*Tendium* *Sep 2022 – Present*
  - Building, and maintaining integrated systems that continuously operate in production.
  - Building and maintaining AWS infrastructure.
- **Junior Data Engineer/Data Scientist** Stockholm  
*Tendium* *Sep 2020 – Sep 2021*
  - Working with several state of the art NLP architectures.
  - Building data pipelines by gathering, cleaning, and validating datasets.
  - Scrum master.
- **Machine Learning Intern** Stockholm  
*Tendium* *June 2020 – Sep 2020*
  - Working with NLP and software development.

## ACHIEVEMENTS

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- **Scholarship** Uppsala  
*Lundellska skolan* *2017*
  - Awarded a scholarship for particularly good contributions in physics and mathematics by Lundellska skolan 2017.