BENJAMIN PETTERSSON

IT Civil Engineering Student

@ benjamintwpettersson@gmail.com   📞 _____   📍 Gothenburg, Sweden   ✉ _____

in Benjamin Pettersson

WORK EXPERIENCE

Junior Data Scientist

Göteborgs Stad

📅 June 2025 – August 2025   📍 Gothenburg

- Contributed to a project analyzing urban water and wastewater time-series signals to develop predictive data models

Teaching Assistant

Chalmers University of Technology & GU

📅 October 2022 – Ongoing, Part-Time

- Tutored in a class about Design and Construction of Graphical User Interfaces
- Supervised in a Fundamental Computer Technology course
- Counseled Agile Software Development projects
- Supervised in an Introductory Python course

Assistant for Persons with Functional Impairments

Göteborgs Stad

📅 May 2024 – August 2024   📍 Gothenburg

- Supported individuals with schizophrenia in daily routines

Mölndal Stad

📅 May 2023 – August 2023   📍 Mölndal

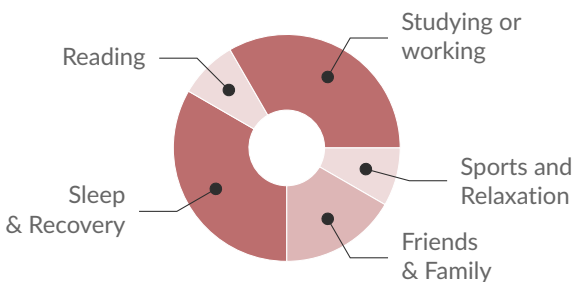- Assisted clients with autism in everyday tasks and communication

Trollhättan Stad

📅 June 2018 – August 2021   📍 Trollhättan

- Helped individuals with mental and physical disabilities manage daily life

**Lots of work experience has been left out to save space :)
Please notify me if you would like a full list.**

A DAY OF MY LIFE

Reading · Studying or working · Sports and Relaxation · Friends & Family · Sleep & Recovery

PROJECTS

My Website

https://benjamintwp.github.io/

- A website I created with JavaScript, HTML, and CSS. It showcases projects and my implementation of various algorithms.

PROUD OF

Blood Donor
Donated approximately 7 liters of blood

Achieved class-best grades
in Calculus, Multivariate Calculus & Machine-Oriented Programming

Workouts
Over 100 workouts per year (2022-2024)

STRENGTHS

Dedication   Teamwork   Emotional Intelligence   Communication   Self-motivated   Eye for detail

Python   Algorithms   Mathematics   Java   Statistics   Data Science   Computer Science

EDUCATION

M.Sc. Data Science & AI

Chalmers University of Technology

📅 Sept 2024 – Ongoing

B.Sc. Computer Science & Engineering

Chalmers University of Technology

📅 Sept 2021 – June 2024

Thesis title: A Comparison of Approaches to Image Classification Using Convolutional Neural Networks

Highschool Diploma in Industrial Tech

Nils Ericssongymnasiet

📅 Aug 2013 – June 2016   📍 Trollhättan

CNC-operator

Courses of Possible Interest

IT

- ⋆ Advanced Databases
- - Agile Software Project Management
- ⋆ Applied Digital Health
- ⋆ Computational Techniques for Large Scale Data
- ⋆ Computer Security
- - Data Structures and Algorithms
- - Databases
- ⋆ Design of AI Systems
- - Design & Implementation of Graphical Interfaces
- - Introduction to Computer Engineering
- - Introduction to Data Science and AI
- - Introductory Software Development
- - Machine-Oriented Programming
- - Object-Oriented Programming and Design
- - Object-Oriented Programming Project
- - Software Engineering Principles for Complex Systems
- ⋆ Stochastic Optimization Algorithms

⋆ Courses at advanced level
Underlined - Job specific courses

Math

- - Calculus
- ⋆ Continuous Optimization In Data Science
- - Discrete Mathematics
- - Linear Algebra
- - Mathematical Modeling and Problem Solving
- - Mathematical Statistics and Discrete Mathematics
- - Multivariable Analysis (Calculus II)
- ⋆ Nonlinear Optimization
- - Physics for Engineers
- ⋆ Stochastic Processes and Bayesian Inference

Engineering Competence

- - Communication & Professional Development
- - Professional Development for Engineers
- - Digitalization in a Sustainable Society