



TIM SCHIJVENAARS

SOFTWARE DEVELOPER
DATA SCIENTIST

ABOUT

Analytical, empathetic and curious. Always looking for the most efficient ways to do things. Never ending drive to learn new skills and knowledge.

CONTACT

MOBILE
+31643717900

E-MAIL
tcfschijv@gmail.com

LINKEDIN
linkedin/timschijvenaars

NATIONALITY
Dutch

PROGRAMMING LANGUAGES

C#, DART
PYTHON, C
R, JAVA

LANGUAGES

DUTCH (NATIVE)
ENGLISH (FULL PROFESSIONAL)
GERMAN (LIMITED WORKING)
SPANISH (ELEMENTARY)

CERTIFICATES

PSM-I (2023)
PSM-II (2023)

WORK EXPERIENCE

SOFTWARE DEVELOPER @ CBS

October 2021 - Present

My primary task is the development of smartphone apps for data gathering. CBS is known for gathering data through surveys, with smartphone apps being the newest addition to their data gathering portfolio. My primary role is that of a full-stack developer part of an Agile development team with apps for location tracking and household budget surveying using Flutter. Gained proficiency in Dart in a short time and executed the role of Scrum Master. Leading parts of data analysis and reconstructing user behavior and performance analysis after surveys being completed (Python). Prototyped a receipt scanning microservice, experimenting with various OCR deep learning models.

THESIS INTERN @ Vattenfall

February 2021 - June 2021

Researched workload prediction of datacenters at Vattenfall as part of the Master Thesis. Implemented a prediction model for workload prediction based on the LightGBM machine learning algorithm, compared it to traditional time series forecasting methods and reflected on both approaches.

SOFTWARE DEVELOPER @ PVH-Automation

February 2017 - September 2021

Deployed ASP.NET web-apps for internal and external, developed GPS-tracking hardware which is used in over 100 assets, worked with R and PowerBI to perform data analysis to generate business insights & fleet management insights. Designed an application-layer protocol using Sigfox.

THESIS INTERN @ VodafoneZiggo

January 2018 - June 2018

Studying of router network traffic through data analysis and exploring machine learning applications on predicting traffic. The goal was to categorize different network streams and investigate possibilities to improve QoL within the network.

INTERN @ TNO

September 2016 - February 2017

Researched novel wireless network protocols for embedded systems, specializing in the 6LoWPAN network protocol, building a proof of concept network and providing documentation for future use.

EDUCATION

DATA SCIENCE MSc @ University of Amsterdam

2020 - 2021

The Data Science masters programme is part of the MSc Information Studies. The programme focusses on how to analyse data, setting up data science projects and translating real-life challenges into data related solutions.

COMPUTER SCIENCE BSc @ Avans University of Applied

2014 - 2018

I followed a four year education with two internships (work student internship and final thesis). I also specialized in IoT and followed a minor-programme, "Data Science" at Hogeschool Rotterdam. I graduated my bachelors with an 8 grade average. The programming languages and professional skills learned during my Bachelors are listed below.

ATHENEUM @ Markenhage College Breda

2007 - 2013

Atheneum (VWO) degree with specialization "Natuur en Techniek".