Terts Diepraam

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Software Developer. Maintainer on uutils. Rustacean. Programming Language enthusiast.

Experience

Open Source Software Maintainer and Developer
uutils

📅 Aug 2020 — Present 📍 Online

I am a maintainer on the uutils project, which aims to reimplement the GNU coreutils in Rust. The project is entirely open source with an active community on GitHub. We strive for perfect compatibility with the existing GNU utilities.

Developer
Bit

📅 Oct 2019 — Aug 2023 📍 Amsterdam, NL

Bit develops innovative prototypes from the ground up using cutting-edge technologies. I worked at Bit as a developer and have worked on many projects, from data science to mobile applications and advanced routing algorithms. On many projects at Bit, I took on the role of Tech Lead.

Coach
Bit Academy

📅 Sep 2020 — Aug 2021 📍 Amsterdam, NL

The Bit Academy teaches programming at MBO level. I coached MBO students, teaching them web programming and data science with technologies such as HTML, CSS, JS, PHP, SQL & Python.

Data Science Intern
Machine Learning Programs

📅 Sep 2019 — Dec 2019 📍 Amsterdam, NL

MLP applies machine learning in the insurance industry. I worked here as a data science intern, where I applied many machine learning strategies and techniques to real data.

Blikopener
Stedelijk Museum Amsterdam

📅 Sep 2015 — Dec 2018 📍 Amsterdam, NL

The Blikopeners are young Amsterdam residents who aim to awaken their friends and other peers' enthusiasm for art and culture. They look at art from a fresh perspective and share their ideas about current affairs, programs and exhibitions. The Blikopeners also organize tours, workshops & events in the museum.

Education

Master in Computer Science
Delft University of Technology

📅 Sep 2021 — Sep 2023 📍 Delft, NL

At TU Delft, I followed Computer Science with a focus on Programming Languages. For my thesis, I designed a language with support for higher-order effects, allowing concepts such as exception catching to be defined within the language.

Bachelor in Liberal Arts and Sciences
Amsterdam University College

📅 Sep 2017 — Aug 2020 📍 Amsterdam, NL

An interdisciplinary degree in which I focused on computer science, physics and mathematics. I graduated summa cum laude with a GPA of 3.92.

Gymnasium (Voorbereidend Wetenschappelijk Onderwijs)
Het 4e Gymnasium Amsterdam

📅 Sep 2012 — Aug 2017 📍 Amsterdam, NL

For my final project, I created a smartwatch based on a Raspberry Pi, including custom software and bluetooth connection with a smartphone.

Talks

- *uutils/coreutils & the quest for compatibility* at the Rust at TU Delft meetup. video link

Recreation

- Bouldering (6c)
- Playing bass guitar
- Going to concerts and the cinema
- Building & designing programming languages

Languages

- **English** — Fluent
- **Dutch** — Native speaker

A more extensive version of this resume can be found at terts.dev/resume.