Mathijs Henquet

📱 +31 (0)6 39 56 53 54
✉ mathijs.henquet@gmail.com
⊙ mathijshenquet
in mathijs-henquet-449577b

Education

2006 – 2012	**Secondary education**, *De Nieuwste School, Tilburg*, Grade point average 8.5
2012 – 2019	**Bachelor of Mathematics**, *Utrecht University*, Grade point average 7.8
2016 – 2017	**Erasmus semester**, *Freiburg University, Germany*
2015 – 2019	**Bachelor Informatics**, *Utrecht University*, Grade point average 7.8
2020 –	**Master Mathematics**, *Utrecht University*, Ongoing

Projects and awards

2016 — Winner of μKP programming competition
A programming competition amongst the CS students at Utrecht University.

2018 — Software project Speech2EPD 📄
The goal was a system which produces a multimodal electronic medical file by collecting various inputs such as recorded consults and digital measurements. For this I designed and built a flexible microservices based architecture backbone of this system.

2019 — Bachelor Thesis Homotopical mathematics 📄
On homotopy type theory and its relation to higher topos theory.

2019 — Summer fellow at MIRI
An extended retreat by the Machine Intelligence Research Institution for mathematicians and programmers with a serious interest in making technical progress on the problem of AI alignment.

2022– Master thesis project
On the correctness of automatic differentiation in the presence of recursion and iteration.

Experience

2015 — Tutor Linear Algebra at Utrecht University

2020 — Volunteer at Epidemic Forecasting ⊙
Supporting decision makers with Covid19 scenarios and modeling, geared toward the global south. I worked on presenting the models in the frontend.

Language skills

Dutch C2 - Native	English C2 - Near native	German C1 - Excellent

Technical skills

Advanced	Rust, C# (.NET Core), Javascript (Typescript, React), Haskell, Git, Mathematica, LaTeX
Intermediate	Powershell, Linux, Java, PHP (Symfony, Doctrine), SQL (MySQL, Oracle), Docker