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Machine learning and computer vision for urban drainage inspections

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CURRICULUM VITAE

Dirk Meijer (he/him) was born in 1989 in The Hague, the Netherlands. He graduated from the Oranje Nassau College in Zoetermeer in 2007 and went on to study in Delft.

He obtained a BSc degree in Applied Physics in 2014 from the Delft University of Technology (thesis: *Evaluation of Fundus Photo Registration Quality for Progression Detection of Diabetic Retinopathy*; supervisor: prof.dr.ir. Lucas J. van Vliet) with a minor in Media & Knowledge Engineering, which provided access to the Computer Science master at the same university. In 2016 he obtained a MSc degree in Computer Science at the Delft University of Technology (thesis: *Regularizing AdaBoost to Prevent Overfitting on Label Noise*; supervisor: dr. David. M. J. Tax) and became an engineer.

Dirk set out to obtain a doctorate degree at Leiden University in 2016, joining the *SewerSense* project, a cooperation between the Delft University of Technology, Leiden University, and a consortium of NWO/TTW, RIONED, STOWA, and KPUD. This thesis is the culmination of Dirk's part in the *SewerSense* research project.

Since 2022, Dirk is employed as a post-doctoral researcher and scientific programmer at the Human-Centered Data Analytics (HCDA) group at the Centrum voor Wiskunde en Informatica (CWI) in Amsterdam.

LIST OF PUBLICATIONS

In chronological order.

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