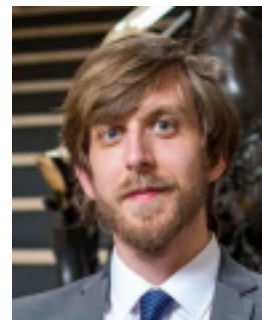


Curriculum Vitae Klaas-Jan Gorter

Name Klaas-Jan Gorter
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Physicist, troubleshooter, programmer. I studied Applied Physics in Enschede. After my studies, I moved to Mexico City (for love) and worked as a software developer. Upon returning to the Netherlands in 2021, I continued to work in IT at a manufacturer in Didam. Now I work at ASML as a Technical Support Engineer for the Twinscan Factory.

Timeline

September 2022 – Now: Technical Support Optics Engineer at ASML Twinscan Factory, Veldhoven
At the Twinscan factory, I am part of the Optics competence of the NXT Technical Support department. We solve technical issues in the manufacturing process from Module Build to Site Acceptance Testing. My role is Escalation Officer, which means I lead the investigation of long-running (> 48 hours) disturbances and also communicate with the stakeholders during these escalations.

June 2021 – August 2022: SAP VC model builder at Alpha Deuren, Didam
I worked at Alpha Deuren on the transition from legacy systems to SAP. I was primarily charged with the integration of their product configurator.

February 2021 – August 2022: SAP trainee at iTrainee

September 2019 – January 2021: Full-stack developer at DeSiCi, Mexico City, Mexico
As part of the (all-Spanish-speaking) development team at DeSiCi, I worked on web-based front-ends and Python back-ends for corporate cloud-applications. Our customers were operating in different sectors (Banking, Logistics, Manufacturing, etc.).

May 2018 – May 2019: Master thesis project at Universiteit Twente, Enschede
To complete my MSc. degree, I wrote my master thesis about an optical processor consisting of photon Bose-Einstein Condensates. I built an experimental set-up which ran on C++ code.

September 2018 – December 2018: Research internship at DTU, Køngens Lyngby, Denmark
At the Structured Electromagnetics Materials group I worked on a research project about the nonlocal theory of plasmonic materials. Some of my results were included in the publication:
Plasmonic semiconductor nanoparticles showing nonlocal response
DOI:10.1088/1742-6596/1537/1/012001

Curriculum Vitae Klaas-Jan Gorter

2016 – 2019: Master Applied Physics, Optics track at Universiteit Twente, Enschede
While specializing in optics, I studied subjects like Quantum Optics, Advanced Quantum Mechanics and Biomedical Optics. During experimental projects I learned about the design and operation of experiments.

2011 – 2016: Bachelor Technische Natuurkunde at Universiteit Twente, Enschede
During my bachelor's, I learned the fundamental concepts of a variety of subjects, including calculus, classical/quantum mechanics, physical simulations and experimental methods. For my minor, I studied finance for a semester.

2005 – 2011: Gymnasium at RSG Trompmeesters, Steenwijk
In high school I enjoyed a broad curriculum with natural sciences, economics and languages. My favorite courses were Latin and Physics, because I thought about my homework as a series of puzzles.

Recent activities

April 2024: On-site support in the TS satellite team in Wuxi and Beijing, China
I spent four weeks in China to support the ongoing installations in the region together with engineers of the other TS competences.

2024: Reticle Masking tiger team
Last year, the production of NXT machines was severely hampered by the robustness of one the Reticle Masking unit types. A cross-sectoral tiger team was formed with Manufacturing, D&E, Procurement and Logistics. I represented the Twinscan Factory in this team.