



Augmented Reality in ASML Factory

Category

Select one or more of the listed categories that match with the intern position:

- ☒ Design Thinking — Strategic Design — Design Innovation — Participatory Design
- ☐ Product Design — Industrial Design Engineering — Manufacturing — Computer Science
- ☒ Interaction Design — Collaborative Design — Human-Computer Interaction — Information Design — System Design
- ☐ Other, respectively, [Enter other category here]

Location of the internship

Veldhoven / @Home, The Netherlands

Internship period

September – December 2020 or ASAP

Application deadline

July 1st 2020

Details

Description of the internship

ASML is evaluating the use of augmented reality glasses in our factory setting. We assemble and test large lithography systems and especially during the assembly phase AR seems to be a good fit. We propose to look at it from 2 angles. The first would be evaluating the fit of this technology with our factory operators and investigating the technology from a user perspective. You can think about what kind of use case makes most sense and what needs to be in place for a good user experience from the operator. The other perspective would be exploring the technology from a business perspective and on a longer horizon; how it is likely to evolve and how it would fit in the suite of tools operators already use or that are going to be introduced in the coming years.

Student's responsibilities

Take the lead in looking at this technology and how it could/would fit in ASML's factory setting. Investigate its possibilities and limitations. Bring realism and user perspective to the hype and synthesize and report on your findings in recommendations to ASML on how to proceed with this technology.

The company is offering

ASML is a large international company with headquarters situated in Veldhoven, NL. We design and build large and expensive lithography systems for the semiconductor business. A large part of the manufacturing footprint is in Veldhoven and we are always looking for ways to support our assemblers and testers in doing their work. We offer the opportunity to get familiar and - corona measures notwithstanding - see the factory up close. Also the setting within a large multinational company with a complex landscape of tools should be an interesting context to experience. There will also be financial compensation for your time.

Qualification / Skills

Be able to oversee a complex landscape of projects and tools that might interact with augmented reality. Be able to communicate with both factory operators as well as business architects and management. You will need to be able to have a helicopter view and also zoom in and see how it fits in the specific environment of the factory operator.

Contact

Contact

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How to apply

Please reach out to me via mail

Opportunities after the internship

(when applicable)

Graduation assignments and job offerings are available for promising students

