SOFTWARE ENGINEERING TRAINEESHIP ACADEMY

Introduction

Do you know that every day all the people on the Earth use electronic devices created with ASML technology? Do you want to be a part of the company that sets the worldwide technology trends?
We have a job for you!

Have you recently graduated or will you graduate in the upcoming months and want to give your career a head start with the ASML Software Engineering Traineeship Academy in Veldhoven?
The Software Engineering Traineeship will prepare you for your job as Software Engineer at ASML and you will work within a highly complex environment alongside with some of the world's smartest engineers.
In the first weeks of your start at ASML you will be guided through the ASML software engineering way of working with a fulltime ASML—tailored Software training.
After this traineeship you will be able to understand on a high level how ASML systems work and how high-quality Software engineering is done in a complex environment.

Job Mission

What will you do?

The training will contain a combination of class room lectures and hands-on work in a project form with interaction with stakeholders from the ASML software community. The class room lectures will provide you with the basic knowledge on the software development processes within ASML. The projects will enable you to experiment with the lessons learnt in a safe environment.
Throughout the training there will be several events at which you can present your results to an audience. The audience will consist of team leaders, group managers and software architects and will help you to build your network within ASML.

Apart from the technical challenges, at ASML you will also find:

Fun activities organized by our multinational Young@ASML organization
The greatest lunch area in the Netherlands – our Plaza has 7 restaurants
Free coffee and tea all day long
Many sport events which brought us fame and glory along the years
97 different nationalities – we are one of the most diverse companies in the world

Job Description

Who are we looking for?

Students (BSc/MSc.) in their final year of study or recent graduates in a technical field of study (Computer Science, Embedded Systems, Artificial Intelligence or similar) and with a strong passion for programming languages such as C, C++ or Python

People who want to understand how complex systems work. People who might be familiar with or like to get familiar with networking protocols, software engineering tools like Valgrind or Wireshark, model based engineering, test methodologies, Matlab models, embedded software development.

Candidates who are familiar with the agile way of working or who want to know how agile works in practice
Engineers who are seeking to work in a precise and challenging department.
People who want to be a part of a dynamic and challenging environment that leaves no room for errors in the live environment.

Context of the position

Who is ASML?

We are leading in the worldwide development, production and sales of high end lithography systems for the semiconductor industry.
We are permanently working for the further development and implementation of complex and high-quality technological systems
We a highly complex, precise and dynamic technological context
We are one of the biggest companies in the world who employs software & hardware engineers as well as elite mathematicians & physicians
We are one of the few companies in the world that can offer true end-to-end experience to full-stack professionals

We push
technology further

to print microchip
features that are finer

to make GPS
devices smaller

to make tracking
endangered species
easier

www.workingatasml.com

We are the technology beyond the brands – we are everywhere!