

# Computer/Data Science Internship: Generation for Machine-learning based Test Advice

## Description

## Introduction

Are you a graduating MBO or Bachelor's student or a Master student in Computer Science, Data Science, Software Engineering or a related field looking for an apprentice or graduation internship? Do you have a strong understanding of fundamental machine learning concepts and have good knowledge in C++, Java and Python? Then this internship might be interesting to you!

## Background information

ASML is an innovation leader in the semiconductor industry. We provide microchip makers with everything they need – hardware, software and services – to mass produce patterns on silicon through lithography. Within ASML the Development & Engineering cluster is responsible for the specification and the design of ASML products. In this cluster, the department Software Quality & Integration (SQI) maintains the test infrastructure used by software projects, specifies, executes and controls the testing and integration of the various software deliveries into different software releases. Test Infrastructure is a group within SQI department that builds, maintains and improves the test infrastructure (both hardware and automation software) for managing automated test execution, supporting CICD WoW and overall continuous, reliable integration and deployment of the different software releases. The software delivery process is a mission critical component of our business. Software testing, therefore is a very important, but also expensive part of it. The prospect of bringing data-driven insights to improve our testing strategies has great potential to increase quality of our deliveries and reduce costs.

## Job Benefits

USD 64K – 106K \*

## Hiring organization

Candidate-1st

## Employment Type

Full-time

## Beginning of employment

asap

## Job Location

Eindhoven, Building 22,  
Netherlands

## Working Hours

40

## Base Salary

euro USD 64K - 106K \*

## Date posted

May 17, 2024