



# Mike Loomans

## Profile

Enthusiastic biotech major with wet lab experience in diagnostic and research settings. I am also familiar with bioinformatics and am highly motivated for any new challenges coming my way.

## Experience

### Analist, Carisius Wilhelmina Ziekenhuis, Nijmegen, Gelderland, Nederland

June 2022 — August 2023

Worked as a clinical technician and phlebotomist at the CWZ using the following techniques.

HPLC, UPLC-MS/MS, PCR, DNA isolation, (capillary) electrophoresis and venipuncture.

### Stagiair, Carisius Wilhelmina Ziekenhuis, Nijmegen, Gelderland, Nederland

September 2020 — May 2021

Thesis and internship at the department of DNA diagnostics and kinship analysis in the CWZ.

My thesis focussed on the determination of male and female half sibling kinship using statistics and STR markers.

### Private tutor, Studentplus

October 2019 — May 2021

Facilitating one on one tutoring lessons in mathematics, chemistry, biology and physics for havo and mavo students.

## Education

### Master, biotechnology, Wageningen University & Research

September 2021 — August 2023

Thesis title: Prediction of culture media with machine learning utilizing genomic data.

### Bsc. Biomedical sciences, Hogeschool Leiden

September 2017 — August 2021

Thesis title: De automatisering van het virtueel donor profiel.

### HAVO, Christelijke scholengemeenschap Groene Hart lyceum

September 2012 — August 2017

Natuur en gezondheid profiel

## Contact

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## Skills

Western Blot

qPCR

SDS-PAGE

Cell culture

ELISA

HPLC UPLC

Electrophoresis

Tandem MS

PCR

FACS

Development of CRISPR/Cas9 mutants

## Hobbies

Rockclimbing  
Fitness

## Languages

Java

Python

R

English

Dutch