



Pedro de Bos

STUDENT LIFE SCIENCES

University of applied sciences, Utrecht, Netherlands

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About me

A driven 4th year life sciences student microbiology at the university of applied sciences of Utrecht, minoring in data sciences. Able too work in a ML1 microbiological laboratory working with bacteria, virusses and parasites. Have practical experience working sterile, performing PCR's and using equipment like the MALDI-TOF, BACTRON-6000. Also experienced in working with large data sets using bash, R, to visualise data, work with high-throughput data, performing (sequencing) workflows.

Education

University of applied sciences

BACHELOR LIFE SCIENCES. SPECIALISATION MICROBIOLOGY, MINOR DATA SCIENCES

Utrecht, Netherlands

2019-present

Gerrit rietveld college

HIGH SCHOOL DIPLOMA NT&NG

Utrecht, Netherlands

2014-2019

Practical experience

Microbiology: Diagnostics

PERFORMED BACTERIAL DIAGNOSIS ON SPUTUM, URINE, PUS, LIQOUR, BLOOD USING VITEK/MALDI-TOF, MEASURED RESISTANCE USING DISK DIFFUSION/VITEK

6 months

2021-2022

Data sciences: Liquid biopsies

USING R TO AUTOMISE THE COMPARISON OF CELL-FREE(CF)- AND TUMOR DNA IN NEUROBLASTOMA

Ongoing

2022

Languages

Dutch [x][x][x][x][x]

MOTHER LANGUAGE, FLUENT IN BOTH SPEAKING AND WRITING

English [x][x][x][x][.]

LEARNED LANGUAGE, FLUENT IN WRITING, PROFICIENT IN SPEAKING

R [x][x][x][x][.]

COMFORTABLE WITH VISUALISING DATA, PERFORMING STATISTICS, WRITING FUNCTIONS, SIMPLE WORKFLOWS (RNAseq, METAGENOMICS). PORTFOLIO IS AVAILABLE ON PEDRODEBOS.GITHUB.IO

bash [x][x][x][.][.]

COMFORTABLE WITH WRITING SMALL SCRIPTS FOR IMPORTING DATA, FOR-DO-DONE LOOPS, FUNCTIONS CONTAINING IF/THEN STATEMENTS

Skills

Group projects

8 YEARS OF EXPERIENCE IN 3-6 MONTH LONG GROUP PROJECTS

Team communication

COMFORTABLE USING TEAMS, GITHUB, MESSENGER APPS FOR COMMUNICATION.

Learning new programs

LEARNED HOW TO USE THE BASICS OF BASH, R WITHIN 10 WEEKS.