

PHILINE VAN BEKKUM

STUDENT

DETAILS

ADDRESS

[REDACTED]

PHONE

[REDACTED]

EMAIL

[REDACTED]

DATE / PLACE OF BIRTH

[REDACTED]

NATIONALITY

[REDACTED]

LANGUAGES

Nederlands

● ● ● ● ●

Engels

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Duits

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HOBBIES

Running

Reading

Drawing

Playing the piano

EDUCATION

HAVO, Revis Lyceum

Doorn

Aug 2015 — Jul 2020

Senior General Secondary Education

- Curriculum: "Nature & Technology" and "Nature & Health"

BSc Life Sciences, University of Applied Sciences Utrecht

Utrecht

Sep 2020 — Present

Specialisation: Biomolecular Research (BMR)

Project BMR: The Influence of an Angle on 3D Extrusion-Based Bioprinting

Minor

- Finance for Non-Financials
- Data Science for Biology

EMPLOYMENT HISTORY

Student Assistant , UMC Utrecht

Utrecht

Sep 2022 — Present

Student Assistant in Medical Microbiology, Molecular Diagnostics

- Performing supportive lab tasks (inventory management, maintenance, and cleaning duties).

Practical Skills

Laboratory Skills

- **Molecular Biology:** PCR (Colony, Quantitative, Real-Time), Agarose Gel Electrophoresis, Miniprep, Transfection, SDS-PAGE, Western Blot
- **Genes & Proteins:** ELISA, Cell Fractionation, Liquid Chromatography
- **Experimental Design in Cell Culture:** Cell Culture

Data Science Skills

- **Programming & Tools:** R, RStudio, RMarkdown, RBookdown, RPackage, Git/GitHub, Bash
- **Data Analysis:** SQL, Frequentist Statistics
- **Bioinformatics Pipelines:** RNAseq pipeline in R, Metagenomics pipeline in R

Theoretical knowledge

- Immunology
- Molecular Biology
- Biotechnology
- Advanced Labtools
- Tumor Cell Biology