

MIKE VINK

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Education

Utrecht University

Molecular and Cellular Life sciences, MSc.

Utrecht

sept. 2019 – May 2021

- Specialisation: Biophysics and molecular imaging, 7.8/10
- Minor: Applied data science, 8.6/10

Utrecht University

Molecular life sciences, BSc.

Utrecht

sept. 2014 – May 2018

- Thesis title (awarded 7.8/10): "Setting up biochemical tools to study C1."
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Coding Projects

Comparative study of state-of-the-art GANs | Python, Google Cloud Platform Dec '20 – Feb 2021

- Part of Computer Science course (overall result: 8.6/10): Pattern Recognition
- Set up instances and environment: Github > Google Cloud VM instances > GPU-enabled network training
- Set up github repository for team

Implementing a classification tree | Python

Sep – Okt 2020

- Part of Computer Science course (overall result: 10/10): Data Mining
 - Set up github repository for team
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Experience

Research Intern

Crystal and structural chemistry dept., Bert Janssen group

Nov '19 – Nov 2020

Utrecht, Netherlands

- Masters thesis project
- Research on protein structure using crystallization techniques
- Aim to answer fundamental questions: What is the protein structure and chemistry underlying neuronal protein interactions?

Research Intern

Crystal and structural chemistry dept., Piet Gros group

Feb – May 2018

Utrecht, Netherlands

- Bachelor thesis project
 - Used biochemical assays to help post-doc researcher start project
 - Aim of the project: Elucidate the structure of complement immune system protein C1
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Extracurriculars

International buddy

Life science student association

Nov '20 – Jan 2021

- Met up and welcomed new international students.

Self studying

Free time during masters

Sept '19 – Present

- Finished most exercises in "The chemistry math book."
- Finished the exercises and more of "Logica voor informatica."
- Filling in the gaps of programming theory with "cs61a, Berkeley course based on: structure and interpretation computer programs."

Skills

Languages: Python, R

Human Languages: Dutch, English

Developer Tools: Neovim, Tmux, Ssh, Git, Jupyter Notebooks, Rstudio, Google Cloud Platform