



Luuk Perdaems

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Working experiences

Full-stack developer & Bioinformatician

Utrecht University (MSc. intern)
Utrecht

March 2021 - Juli 2021

Building a phosphorylation site detection database using Django with a data importer (FTP to MySQL via Python) and maintainer, and a GUI with search page and integrated bioinformatic tools ('HMMER').

Technologies used:

Python (Django)

JavaScript

HTML/CSS

MySQL/SQLite

Bash/Shell

HMMER

Bioinformatician & Biomedical researcher

Erasmus MC (BSc. intern)
Rotterdam

September 2018 - Augustus 2019

Identification and validation of SF3B1-associated aberrant splicing events using bioinformatics and biomedical research.

Technologies used:

R

Python

Bash

RNA isolation

PCR

Education

Bioinformatics & biocomplexity

Utrecht University, Utrecht

September 2020 - Juli 2021

Completed 18.5 credits towards a MSc. Did a major internship in database- and front-end development.

Biology and medical laboratory research

Avans Hogeschool
Breda

September 2015 - Augustus 2019

Earned the degree Bachelor of Science (BSc.) in Augustus 2019. Did a major and minor bioinformatics internship at Erasmus MC Rotterdam, minor in bioinformatics (GPA 8.5) and a specialisation in biotechnology. Graduated with a grade point average of 7.5

Extra-curricular activities

Space invaders - Made my own version of the Space Invaders game in Lua

2048 solver - Built the 2048 game in Python3 and added an algorithm that can win the game

Dot files - Made my own personalized configuration setup for Linux Ubuntu

IKEA logistics - Worked at IKEA Utrecht as logistics employee in my gap year (March 2020 - Augustus 2020)

Albert heijn - Stock clerk, bakery employee, and teamleader training (November 2013 - May 2018)

Skills & tools

Programming skills

Python (& Django)

HTML / CSS

Bash / Shell

JavaScript

MySQL/SQLite

R

Rust

Research skills

Researching

Scientific writing

Other skills & tools

Neovim

Teamwork

Git

Languages

Dutch (Native)

English

Hobbies

1. Boulderling

2. Survival (bootcamping)

3. Slacklining

4. Cooking

5. Plant care

6. Programming