

Julian Arts

Mail · LinkedIn · +31 646655847

Arnhem, Netherlands



EDUCATION

- **MSc. Molecular & Cellular Life Sciences**

Utrecht University, CGPA*: 7.22

Bioinformatics profile

2021

- **BSc. Biology**

Utrecht University, CGPA: 7.37

GIS certificate

2019

EXPERIENCE

- **MSc. Bioinformatics internship - Nijmegen**

Radboud Institute for Molecular Life Sciences (RILMS)

- Zhou group - Developmental epigenetics

- **MSc. internship - Utrecht**

Hubrecht institute - Korswagen group

- **MSc. writing assignment - Nijmegen**

Radboud Institute for Molecular Life Sciences (RILMS)

- Zhou group - Developmental epigenetics

- **BSc. internship - Utrecht**

Hubrecht institute - Bakkers group

HIGHLIGHTS

- Gene expression, epigenetics and disease, GPA: 7.8
- Cancer genomics, GPA: 8.5
- Bachelor's thesis (Scientific Review), GPA: 8.5
- Master's thesis (Research Proposal), GPA: 8.5

SKILLS

- **Programming languages**

Python, R, FIJI (macro), Latex Overleaf

- **Laboratory technologies**

FISH, MS2 tagging, PCR, Colony PCR, Overlap PCR, Molecular cloning, CRISPR/Cas9, Spinningdisk microscopy

- **Bioinformatics profile project**

ANASE Bioinformatics pipeline implementation for single cells

PROJECTS

- **Github** [Github.org]

Reading frame essentials: functions to analyse codon triplets and amino acids from DNA sequences

Python

- **Github** [Github.org]

Quantifying nascent RNAs at a transcription site

FIJI macros

HOBBIES & INTERESTS



Archery



Reading



Medical
biology



Problem
Solving