

Zhenwei YANG

MSc Method&Statistics | Biostatistician | Biomedical Data Scientist

in [linkedin.com/in/zhenweiyang](https://www.linkedin.com/in/zhenweiyang) github.com/ZhenweiYang96

+31 6 26358514 @ z.yang4@students.uu.nl

Beneluxlaan 716, 1363DA, Almere, the Netherlands

Combined background of Medicine and Data analytics



EDUCATION

- | | |
|----------------|--|
| 2019 - 06/2021 | MSc in Method & Statistics at Utrecht University, the Netherlands (present avg. score : 8.31/10) |
| 2017 - 2018 | Exchange Program at Vrije Universiteit Amsterdam, the Netherlands (statistical methods 9.0) |
| 2014 - 2019 | BMed in Preventive Medicine, Public Health (5-year) at Fudan University, China (GPA : 3.3/4.0) |

RESEARCH EXPERIENCE

- | | |
|---|---|
| Present
September 2020 | Combining Latent Budget Analysis with Neural Networks for Compositional data, UU, the Netherlands
Supervisors : Ayoub Bagheri, Prof. dr. Peter van der Heijden <ul style="list-style-type: none">> Use neural networks to interpret the framework of Latent Budget Analysis (LBA)> Plan to develop a function in R to predict prospective cases in the context of compositional data <div><code>R</code> <code>package : lba</code> <code>package : keras</code></div> |
| November 2020
September 2020 | Content-Based Shape Retrieval System, UU, the Netherlands
Course : Multimedia Retrieval <ul style="list-style-type: none">> Preprocessed 3D shapes in Labeled PSB dataset and extracted 10 features from normalized meshes> Incorporated a customized query system on a GUI using customized matching and scalability techniques (KNN and t-SNE) <div><code>Python</code> <code>package : open3D</code> <code>package : Trimesh</code> <code>package : Scikit-learn</code> <code>package : Tkinter</code></div> |
| July 2020
February 2020 | Methods for "Treatment Paradox" Correction in a Time-dependent Cox Model, LUMC, the Netherlands
Supervisor : Prof. dr R.H.H. Groenwold Manuscript in preparation <ul style="list-style-type: none">> Conducted a simulation study to implement six techniques for "treatment paradox" in a prognostic model (i.e., a time-dependent Cox model)> Studied the factors that could impact the performance of the six techniques> Provided suggestions for clinical researchers to cope with the bias brought by treatment usage in observational studies during prediction modelling <div><code>R</code> <code>package : rms</code> <code>package : pec</code> <code>package : survival</code></div> |

WORK EXPERIENCE

- | | |
|---|-------------------|
| PROGRAMME ADVISORY COMMITTEE MEMBER | 09/2019 - PRESENT |
| Evaluate the setting and teaching of the programme; Organize programme activities, e.g. Open Master Day, Christmas Dinner | |
| GRADUATE TEACHING ASSISTANT AT UMCU | 04/2020 - 06/2020 |
| Helped assist students from BMSc for Bioinformatics in theoretical lectures and computer practicals; Mainly focus on R programming skills, supervised learning and statistical concepts, etc. | |
| PART-TIME ANALYST IN IQVIA | 11/2018 - 05/2019 |
| Supported two projects about launching two innovative medicine in Chinese market; Conducted desktop research, KOL interview and market prediction | |

AWARDS

- | | |
|---|-------------------|
| Utrecht University Scholarship for Student Consultation | 09/2019 - Present |
| The Outstanding Graduate of Fudan University in the year of 2019 | 06/2019 |
| Scholarship of Fudan University, first prize (Guanghua Scholarship) | 11/2017 |
| Scholarship of Fudan University, second prize | 10/2016, 03/2019 |

REFERENCES

Prof. dr R.H.H. Groenwold
Professor, LEIDEN UNIVERSITY MEDICAL CENTER
@ R.H.H.Groenwold@lumc.nl
☎ +31 71 526 6534

Ayoub Bagheri
Assistant Professor, UTRECHT UNIVERSITY
@ a.bagheri@uu.nl
☎ NA