



Zhenwei Yang

Combined background of Medicine and Statistics and want to contribute to issues of big data in the field of medicine.

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EDUCATION

Bachelor Program — Preventive Medicine Shanghai Medical College of Fudan University

09/2014 – 06/2019

Shanghai, China

Courses

- Health Statistics (A), Epidemiology (A),
- Systematic Anatomy (A-), Pharmacology (A)

Exchange Program Vrije Universiteit Amsterdam

09/2017 – 02/2018

Amsterdam, the Netherlands

Courses

- Statistical Methods (9.0); Environmental toxicology (8.0)
- Advisory Report: FIT4FOOD Science Shops: what can they do for foodbanks?

Research Master Program — Methodology & Statistics Utrecht University

09/2019 – Present

Utrecht, the Netherlands

Courses

- Fundamentals of Statistics (10.0); Survey Data Analysis (8.2)

WORK EXPERIENCE

Summer Intern Medical Statistics Department, Children's Hospital of Fudan University

07/2017 – 08/2017

Shanghai, China

Launched research projects: knowledge base system established by EMR;
Disease prediction based on deep learning

Clinical intern Pudong Hospital Affiliated to Fudan University

03/2018 – 07/2018

Shanghai, China

Learned clinical diagnosis of common diseases, applied practical
treatment like arterial blood gas analysis

Part-Time Analyst Department of Management Consulting, IQVIA

11/2018 – 04/2019

Shanghai, China

Tasks

- Analysed current policy and market size, predicted the potential market
- Made pricing strategies for new expectorants and antibiotics, completed the final reports

SKILLS

R

Python

SQL

Microsoft Excel (Pivot Table)

InDesign

PERSONAL PROJECTS

The Application of Biostatistics in the Field of Clinical Work (03/2018 – 05/2019)

- Analysed baseline demographical and biomedical characteristics of 57 people with myocardial infarction
- Produced a database in Epidata for the case report form in the clinical research of "Qingre Yihuo Capsule" with code number approved by China Food and Drug Administration (Z20080516)
- Analyzed progress of Parkinson's Diseases from PPMI by conditional growth model.

Simulation Study — Validating Treatment as a Time- dependent Confounder in Survival Models (02/2020 – Present)

- Set different scenarios and do simulation with 4 strategies: simple ignorance, treatment-as-endpoint, competing risk analysis (risk of death before treatment) and hypothetically elimination of treatment (risk of death if no treatment is used).

ORGANIZATIONS

Minister of Project Department, Red Cross Society (09/2014 – 07/2016)

Took part in and arranged the volunteer activities of Red Cross Society,
such as looking after autistic children and blood donation

Program Advisory Committee of Department of M&S (09/2019 – Present)

Dealt with issues from the master program of Method & Statistics:
collected feedbacks, launched academic buddy program and helped
coordinate with the courses.

CERTIFICATES

Coursera — Machine Learning with Python

Credentials ID: U7QCP547HBLV

Coursera — Databases and SQL for Data Science

Credentials ID: 47XKA2E62PMN

LANGUAGES

English

Full Professional Proficiency

Chinese

Native or Bilingual Proficiency

German

Limited Working Proficiency