

Mingfeng Chen

Northwestern Polytechnical University Bachelor

Education Experience

Bachelor | Northwestern Polytechnical University

2018.09-Present

Major: Software Engineering

GPA: 3.53/4.0 | CET-4: 566 | CET-6: 501

Programming Skills: Java, JavaScript, C, Python

Awards

The Second Prize Scholarship (2019, 2020, 2021)

2020 Asia and Pacific Mathematical Contest in Modeling, The Third Prize

School Mathematical Contest in Modeling, The Second Prize

Research Experience

Research Advisor: Prof. Hongping Gan

ECG Sampling and Reconstruction based on Compressed Sensing

- Proposed an ECG compressed sensing method based on Transformer architecture to realize end-to-end efficient signal reconstruction.
- The Chinese Cardiovascular Disease Database is used.
- Transfer the Transformer model to signal processing.

Internship Experience

Internship of Cooperation between School and Enterprise

- Responsible for front-end microservice framework of Macaw.
- The project is currently applied as a development framework for large projects such as a map of Shaanxi Power Grid and intellectual property operation service platform.