Yu Ruotao
Electrical engineering major undergraduate

I have great enthusiasm in science and engineering. This interest stems from my childhood affection for science fiction novels. I hope that I can explore and learn more in my graduate study. And on top of that, become a better person.

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LANGUAGES

English
CET-6: 625; CET-4: 691;

German
CGT-4: PASS

C, Python
National Computer Rank 2

R
Statistical Analysis (rookie)

EDUCATION

Guangxi University (September 01, 2020 - Present)
Undergraduate, Electrical Engineering

PROJECTS

Github Projects

- Personal website using HTML, CSS, and JavaScript: yuruotao.com;
- An email homework collecting system based on Python;
- A python simulation system of 2d fluid using Stokes equations;
- A photoacoustic imaging system;

Competition Projects
mostly mathematical models

Breast cancer epidemiology; Higher education assessment; Global equity analysis;

Class Projects

- A design of gear reduction box;
- ANSYS Maxwell simulation of wireless power transfer between 2 coils;

AWARDS

Meritorious Winner (December 01, 2021)
Interdisciplinary Contest in Modeling (COMAP)
🔗 https://www.comap.com/

Provincial 1st Prize (December 01, 2021)
Undergraduate Mathematical Contest
2021 and 2022
🔗 http://www.cmathc.cn/

Special Award (May 01, 2022)
National English Competition for College Students (Band C)
2021 and 2022
🔗 https://www.chinaneccs.cn/