



Rongbin Wang

Education

Internet of Things Engineering, Beijing University of Posts and Telecommunications, Beijing

September 2021 — June 2025

Weighted average score: 88.3/100

GPA: 3.68/4.0

Ranking: 21/183 (11.48%)

Relevant Courses: Introductory Java Programing, data structure, database, Communications and Networks, Machine Learning, Operating Systems, Introduction to Internet of Things Technology

Research & Work Experience

Beijing Key Lab of Intelligent Telecommunication Software and Multimedia at Xiaolong Zheng, Beijing

September 2023 — Present

My research direction is cross technology communication perception. Based on laboratory related research, I have completed the development of CTC communication decoding programs and system construction from Zigbee to Wifi. Currently, I am preparing for the paper based on my research direction.

Beijing Orillusion Technology Co., Ltd at Jingwen Bai, Beijing

September 2022 — September 2023

I mainly conducted utilizing the engine to combine software and hardware, working with the team to create demos, writing engine documentation in both Chinese and English, and translating the official English documents of W3C's WebGPU into Chinese.

Mianyang Blueprint Plan Education Co., Ltd at Hongjiu Peng, Mianyang

January 2021 — Present

I am a member of the founding team of this educational institution, mainly responsible for leading teaching related affairs during the teaching period.

Project Experience

"Qiongyou": Hainan Tourism Exploration Assistant Based on WeChat Mini Program and AI, project leader

June 2023 — Present

Building AI models and WeChat mini programs, and leading the team

"Yourong": Integrated Home Intelligent Control Platform, project leader

October 2022 — April 2023

Project planning, network communication, and WebGPU development

Details

10 Xitucheng Road, Haidian District, Beijing

Beijing

China

18011103819

wangrongbin@bupt.edu.cn

Personal Website

<https://kkdbg666.github.io/>

Prizes

Third Prize, Beijing Division of the 2022 Mathematics competition of Chinese College Student

Second Prize Scholarship, 2021-2022, 2022-2023 Academic Year

Third Prize, 2023 "Chuyan Plan" Competition of BUPT

Skills

Programming Language: Python, Java, C, Matlab, JavaScript, HTML, WXML

Embedded System: Raspberry Pi, ESP32, PCB

Front-end Technology: NPM, Vite Framework, Java Spring, Orillusion 3D engine, WeChat Mini Program

AWS Services: Lambda, EC2, VPC, DynamoDB

Machine Learning: Yolo v8, LeNet5

Middleware: Tomcat, ActiveMQ, SQS, SNS