Wang Xinshuo

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Hometown: Shandong ｜Ethnic: Han

EDUCATION

Chongqing University of Posts and Telecommunications	2017.09 - 2021.06

Intelligent science and technology Bachelor | College of Communication and Information Engineering   Chongqing

GPA: 3.35 / 4.00（comprehensive ranking 2 / 42）

Courses: algorithm-94，C language-98，linear algebra-98，Curriculum design of cognitive science-88（Highest score）

RESEARCH EXPERIENCE

Invention patent - "a distributed ad hoc network intelligent garbage can clearing system and a method"	2018.04 - Present

- It has been accepted, has been published, and has entered the actual trial stage(First inventor, 1/3)

Invention patent - "a personal safety protection system for motor vehicle passengers"	2019.06 - Present

- It has been accepted, has been published, and has entered the actual trial stage(First inventor, 1/4)

Chongqing Undergraduate Innovation Training Program - "Safety Assistance" - Core Member	2019.06 - 2020.06

- Responsible for the project system framework design, software algorithm design, system development, writing and summarizing project reports, etc., now completed

Course Design - "Processing and Recognition of EEG Signal P300 Based on CNN"	2019.09 - 2019.12

- Responsible for the preprocessing of P300 data of EEG signal, training and recognition of CNN algorithm model, recognition accuracy rate of **86%**, praised by the teacher

Course Design-"Using SDN to Realize Traffic Monitoring and Malicious Intrusion Prevention"	2019.09 - 2019.12

- Responsible for the overall project architecture and CNN algorithm scheme of the project, writing the controller-side recognition code, the recognition rate accuracy rate is 94%, praised by the teacher

TECHNOLOGY COMPETITION

1. National Undergraduate Electronics Design Contest - National Second Prize	2019.08 - 2019.08
2. National University Computer Energy Challenge - National Third Prize	2019.11 - 2019.12
3. The 4th Smart Connected Innovation Competition - Third Prize in Western Division	2019.07 - 2019.10
4. The 2nd Lanqiao Cup National Software and Information Technology Professional Competition Program Design Group - Chongqing Division Second Prize	2019.03 - 2019.03
5. The 2nd Central China Regional Mathematical Modeling Invitational Competition - Third Prize	2019.05 - 2019.05
6. Communication software design competition first prize (only 2 groups in the school) and other school-level awards and 8 other awards for successful entries	2017.07 - 2020.01

PRACTICE and ORGANIZATION EXPERIENCE

- Served as an assistant to the school's YF105 electronic design innovation laboratory, responsible for new recruitment, assessment, training, etc. The assistant work successfully help the laboratory's national science and technology competition award rate **increased from 35% to 88%**.
- Served as a psychological committee for the second and third academic years, and successfully held many Psychological salon.

BASIC SKILLS

- **English:** CET-4 545.
- **Professional software:** Word, Excel, PowerPoint, XMind, MATLAB, SPSS, PyCharm, Android Studio, Keil, Visual Studio.
- **Programming ability:** Undergraduate code is over 50k, national computer certificate (C language), proficient in C/C++ and Python, master MySQL database operation, understand java (completed the Android project).

PERSONAL SUMMARY

- **In Work:** pressure-resistant, self-disciplined, responsible, motivated, organizational skills and good self-learning skills.
- **In Life:** optimistic and cheerful, self-confident and stable, broad interest, love to make friends.