

Zhengying Lou

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Female

EDUCATION

University of Electronic Science and Technology of China

2017.09 - 2021.06

Telecommunication Engineering Bachelor,

Chengdu

- GPA: 3.96 / 4.0
- Weighted Average Mark: 90.10
- English: Excellent in CET-4; Pass in CET-6; IELTS 6.0
- Student Work: Associate Peer Leader of Class 5; Peer Leader in Mathematical Modeling Training Program
- Core Courses: *Random Signal Analysis (Random Process), Signals and Systems, Digital Signal Processing, Principle of Communication, Information Theory and Coding, Electromagnetic Field and Wave, Computer Communication Networks(Computer Networks), Digital Circuits, Microprocessor and Embedded System, and Basic Analog Electronics.*

RESEARCH EXPERIENCE

Provincial Projects

2018.12 - 2019.10

Instructor Chang Wu

- College Students Innovation and Entrepreneurship Training Program; The Project "The Sport Field Billing System by Face Recognition" reached an Excellent Conclusion and was recommended as the **Provincial level project**.
- Application of **Patent "The Analytical Processing System and Methods of Badminton Playing Act based on Mobilenet"**. Publication No.201910981141.9. First Trail.
- Application of **Software Copyright "The Analytical Processing System of the Badminton Playing Act based on Mobilenet"**. Open at Present; Authorization is expected in December.
- Program Development of Wechat Applet; In Charge of Algorithm Research, Report Writing, PPT production and Other Tasks.

International Academic Conference

2019.02 - 2019.06

Instructor Xiaoying Deng

- Attended the Fifth International Academic Exchange Forum(International Conference) and Made a Presentation for more than 200 People.
- Content on the Summary of the Factors that Affect the Weight Cognition based on the Analysis of College Students' Weight Status and Perceptions and Weight Loss Behaviors.
- Third Prize for Paper Writing (**Third Prize - International Level**); One of the Only Two Students in UESTC winning the prizes under the Guidance of the Tutor Professor Deng Xiaoying.

COMPETITIONS

Mathematical Modeling Competitions

2018.03 - Present

- Score 99/100 for Mathematical Modeling Courses; Training in Winter and Summer Vacations; As the Peer Leader in the Mathematical Modeling Training Program;
- Three Prizes in Campus Mathematical Modeling Competitions; **Meritorious Prize** in the United States Mathematical Modeling Competition.

Dragon Cup National Competition

2019.01 - 2019.03

- The Project "The Classroom Search and Reservation System based on Deep Learning" won the **First Prize(National Level)**.
- As the Project Leader; Responsible for the Webpage and Algorithm Design and Report Writing under the Guidance of the Tutor Professor Zhu Xueyong.

EXTRA-CURRICULAR ACTIVITIES

Internships

2018.06 - 2019.08

- **Wasu Media Network CO.LTD**; Interned in the Department of Line Maintenance and Learned the Basic Principles and Maintenance Methods for Digital TV Transport.
- **Campus Internship during Summer Vacation**; Interned in Campus Mathematical Modeling School Team; Completed 5 Sets of Competition Practices; Modified 10 Papers and Summarized 8 Algorithm.
- **Chengdu Jiyu Health Technology Co.Ltd**; Involved in the Cross-domain field of sports and communication; revised the papers, set the environment and conducted the experiments.

Sport

- Campus Table Tennis Team Member; School Representative for the Provincial Table Tennis Competition; the Fifth in Women's Doubles (Provincial Awards); the First Prize for Women's Single and the Third Prize for Women's Doubles in Campus Contests.
- Badminton Club Member; Participated in the Campus Marathon.

Student Events

- "Chi-hing" Teaching Team: a 20-day teaching in the mountains Erlongshan; The Provincial Outstanding Team for Social Practice.
- participated in the "re-take the Long March" activity; experienced the tough conditions for the Red Army.

OTHERS

- **Skills**: MS office, matlab, latex, mathtype
- **Certifications**: Excellent in Computer Second Level (C Language); Pass the Computer Second Level in Office Operation