

YIQING CHEN

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EDUCATION

Bachelor of Engineering, Southwest University, Chongqing, China

Sep. 2015– Jun. 2019

- College: Computer and Information Science
- Major: Automation
- GPA: 3.74/5
- Ranking: 7/126 in grade (Top 5%)
- **Courses taught in English May 2017:** Computer Network, Embedded Systems, Electric Machines, Modern Control Systems, Data Structures and Algorithms, Basic Analog Electronics, Basic Digital Electronic, Signals and Systems
- Will exchange at university of Florida, U.S.A, supervised by Prof. Carl Crane, in the Center for Intelligent Machines and Robotics

RESEARCH & PUBLICATIONS

- ✓ **Research Based on Cluster Analysis for the Price-setting Scheme of “Photo-Taking App”**
 - Key Words: coefficient of polymerization, correlation coefficient analysis on SPSS, K clustering, multivariate linear regression
 - Published on the journal of *Digital User*; Domestic Unity Issue Number: CN51-11567/TN; International Standard Serial Number: ISSN1009-0843; Postal Distributing Code: 62-99; Issue 6, 2018
 - Indexed by Wanfang Data
- ✓ **Direction Control of Unmanned Vehicle Based on Artificial Neural Network**
 - Key Words: Artificial neural network, Direction control, Unmanned vehicle
 - Will be included in the journal of *Advances in Engineering Research* ISSN 2352-5401
 - Will be indexed by CPCI/ISTP
- ✓ **Intelligence Algorithms for Protein Classification by Mass Spectrometry**
 - Key Words: mass spectrometry, protein classification, machine learning
 - Included in *BioMed Research International* : Published on November 11, 2018, Volume 2018, Article ID 2862458
 - Indexed by SCI
- ✓ **Patent Name: Infrared Control and Detection System V1.0 Based on Matlab**
 - A national level software patent with my copyright
 - Copyright Registration No. : 2018SR584426
 - Date of RD Completed: June 06, 2018
- ✓ **Patent Name: Intelligent Water Cup with Water Quality Inspection Function**
 - Application No. : 201821274701.4
 - Estimated Date of Receiving Certificate: June, 2019

AWARDS & CERTIFICATES

- Second Prize in Scholarship (*awarded by Southwest University*) Oct. 2018
- Excellence Prize in Phase Two of Verification Cup- China Mathematical Modeling Network Challenge Competition
-awarded by Global Mathematical Modeling Certificate Authority-***national level*** Jul. 2018
- Building Automation Engineer (*awarded by Computer Education Authorization and Certification*) Jul. 2018
- Second Class Electrical Automation Technical Engineer (awarded by National Standardized Examination Alliance Certification) Jul. 2018
- Outstanding Communist Youth League Cadre (*awarded by Southwest University*) May 2018
- AutoCAD Mechanical Professional Level 1 (autodesk certification) Mar. 2018
- Second Prize in Phase Two of Verification Cup- China Mathematical Modeling Network Challenge Competition
-awarded by Global Mathematical Modeling Certificate Authority-***national level*** May 2017
- Third Prize in Phase One of Verification Cup- China Mathematical Modeling Network Challenge Competition
-awarded by Global Mathematical Modeling Certificate Authority-***national level*** Apr. 2017
- Second Prize in CUMCM (China Undergraduate Mathematical Contest in Modeling)-***national level*** May 2017

- Third Prize in Southwest University Mathematical Contest in Modeling Jun. 2017
- Third Prize in Scholarship (*awarded by Southwest University*) Dec. 2017
- Third Prize in Multi-media Making Competition (*awarded by Southwest University*) Nov. 2017
- Third Prize in Comic Making Competition (*awarded by Southwest University*) Nov. 2016
- First Prize in Multi-media Making Competition (*awarded by Southwest University*) Nov. 2016
- First Prize in Military Training Photography Competition (*awarded by Southwest University*) Oct. 2016

EXTRACURRICULAR ACTIVITIES

- Sep. 2016-Nov** Commissary in charge of publicity, Class 5 Automation
- Arrangement for class activities
- Sep. 2017-Jul. 2018** Vice President of New Media Centre, Youth League Committee, Southwest University
- *H5 scripting and web design of wechat official account of Youth Southwest University*
- Oct. 2017-Jul. 2018** Member of Love Earth Federation Of Southwest University
- *Photography taking for association's activities*
- Sep. 2016-Jul. 2017** Deputy Minister of Media and Technology Department, Students Association Union
- *Operation of wechat official account of student association union*
- Sep. 2016-Jul. 2017** Vice Director of Public Relations, Southwest University Model United Nations Society
- Management of public relations team
 - Promotion on activity schedule
- Sep. 2015-Jul. 2016** Member of News Center, Youth League Committee, Southwest University
- *Operation of wechat official account of Youth League Committee*
- Dec., 2016** Attendee of University AWSome Day, Amazon

WORK EXPERIENCE

2017& 2018 Intern, Chongqing Spd Mechanical & Electric Co., Ltd.

Work Contents:

- Assist the engineers on operation and maintenance of electrical equipment
- Inspect on the security of electric control system of equipment like PLC periodically
- Inspect on the factory's power distribution system, high voltage power supply system, major installation, protector and automatic device
- Help engineers to complete diagram of power supply and distribution system
- Weld elements for electric products
- Assist on design drawings with CAD
- Do office reception work when necessary

COMPUTER SKILLS

- Programming Language: Visual C, JAVA, Matlab, Assemble Language
- Operation Software: SPSS software, MathType6.0, Microsoft Office Word, Excel, PowerPoint, CAD, lingo, Multisim

HIGHLIGHTS

Hobbies: violin, piano, photography, country music, hiking, reading, swimming, badminton, Ping Pang

Highlights: academic excellence; research potential; computer skills; teamwork spirit

Overseas Experience: I had travelled to Thailand, Singapore and Malaysia; I had attended exchange program in USA.

English Proficiency: IELTS overall 6.5, Listening 6.5, Reading 6.5, Writing 6.5, Speaking 6.0