

Maoyin Sun

Curriculum Vitae

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Personal Information

Birth 9. Aug, 1993 in *Dalian*, P.R. China

Gender Male

Nationality Chinese

Education

2011–2015 **Bachelor of Information and Computing Science**, *Ocean University of China*, Tsingtao, China.

2016–Now **Master of Web Engineering**, *Chemnitz University of Technology*, Chemnitz, Germany.

Bachelor Thesis

Title *An E-voting System Based on Cryptology*

Supervisor Jingliang Zhang

Description With a VLR group signature plan by Zhang based on DTDH hypothesis we designed a new E-voting plan, which has the advantages of traditional plans and shortened the vote string and reduced computing. Meanwhile, it additionally support revoking illegal voters online.

Experience

Professional

2011–2013 **Participant**, *Mathematics Contests in Modeling*.

Major achievements:

- First Prize, 2012 Contemporary Undergraduate Mathematical Contest in Modeling (China);
- Honorable Mention, 2013 Mathematical Contest in Modeling in America.

2012–2013 **Participant**, *International Collegiate Programming Contest*.

Major achievements:

- Honorable Mention, 2013 ACM-ICPC Asia Regional Contest Nanjing On-site;
- Silver Medal, 2014 ACM-ICPC China Shandong Provincial Programming Contest.

2012 **Participant**, *Asia-Pacific Business Talent Exchange Programme*, The Chinese University of Hong Kong, China.

2012 **Personal Finance Assistant Intern**, *Prudential plc*, Hong Kong, China.

2012–2014 **Leader, CoYouth Club.**

Holding programming contests, technical salons and providing premium services for students.

Major achievements:

- Held *Lucent Cup* Technological Innovation Contests in 2012, 2013, and 2014;
- Held College Programming Contests of Ocean University of China in 2013 and 2014;
- Held International Software Freedom Day celebrations in Tsingtao in 2013 and 2014;
- Coached and authored problems for programming contests in 2013 and 2014;
- Maintained useful services for the students, e.g. online judge services, offline download service, cloud storage, etc.

2013–2014 **Co-Founder & Front-end Developer, Lazywrt.org**, Tsingtao, China.

Developed Lazywrt Wi-Fi router and its firmware, developed and deployed Franz Open-Advertising Wi-Fi AP Management Cloud Service and finally sold the whole project.

2014–2016 **Student Membership, Association for Computing Machinery.**

2014 **Participant, Cyber Security Contests.**

Major achievements:

- Second Prize, the Second *Qingdao 4G China-Mobile Cup* Qingdao Collegiate Cyber Security Contest · Nationwide Universities Invitational;

2016 **Intern, Silicon Spread Corp.**, Dalian, China.

Miscellaneous

2011–2012 **Director of IT Department, Student Union**, Ocean University of China.

Serve students with internet tools.

Major achievements:

- Built public website for the student union;
- Set up official accounts on mainstream social media;
- Worked on the book *Ten Years Review of Student Union OUC*.

2011–2013 **Vocal Percussionist, Students Art Troupe**, Ocean University of China.

Major achievements:

- Took part in concerts, performances, flash shows;
- Handled processing audio clips, tuning and synchronizing rhythm.

Languages

Chinese **Native speaker**

English **Professional working proficiency**

German **Limited working proficiency**

JavaScript **Native speaker**

Skills

Professional Modeling, Research, Algorithm Design, Front-end Developing, Data Visualization, JavaScript, C/C++ STL, Linux, \LaTeX , Bash, Python, Natural Language Processing, Computer Graphics, Computer Vision, Software Engineering, Structured Programming, Object Oriented Programming, Functional Programming, Quantitative Analysis (Finance), Databases;

Others Public Speaking, Leadership, Vocal Percussion, Microsoft Office & VBA, Embedded Development, Project Management.