

# Maoyin Sun

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## Personal Data

Birth 9. Aug, 1993 in *Dalian*, P.R. China  
Gender Male  
Nationality Chinese

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## 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.

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## Bachelor Thesis

Title *An E-voting System Based on Cryptology*  
Supervisor J. 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.

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## Experience

2011–2013 **Participant**, *Mathematics Contests in Modeling*.  
Major achievements:  
◦ First Prize, 2012 Contemporary Undergraduate Mathematical Contest in Modeling(China);  
◦ Honorable Mentions, 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 college students.

Major achievements:

- Held “*Lucent Cup*” Technological Innovation Contest in 2012, 2013, and 2014;
- Held College Programming Contest 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 service, offline download service, cloud storage, etc.

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

2014 **Participant**, *Information Security Competitions*.

Major achievements:

- Second Prize, the Second “*Qingdao 4G China-Mobile Cup*” Qingdao Collegiate Information Security Competition · National 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.

Took part in concerts, performances, flash shows;

Also in charge of processing audio clips, tuning and synchronizing rhythm.

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.

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## Languages

Chinese Native speaker

English Professional working proficiency

German Limited working proficiency

JavaScript Native speaker

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## Skills

Professional Modeling, Research, Algorithm Design, Front-end Developing, Data Visualization, JavaScript, C/C++ STL, Linux, L<sup>A</sup>T<sub>E</sub>X, 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;