

Maoyin Sun

CURRICULUM VITÆ

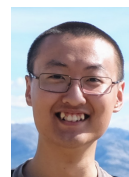
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Personal Information

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

Gender Male

Nationality Chinese

Education

2016–Now **Chemnitz University of Technology**, *M.Sc. in progress, Web Engineering*, Chemnitz, Germany.

Obtained Grade Point Average: 2,5 (*modified Bavarian formula, sic passim*)

Studied systematic and quantifiable approaches to the design, implementation, and operation of web-based solutions.

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

Grade Point Average: 3,2

Built up a solid background of mathematics, learned fundamental knowledge and methodology of mathematics researches and studied principal theories and approaches in information science and computing science.

Thesis: *An E-voting System Based on Cryptology*, supervised by Jingliang Zhang

Abstract: 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

2012–2019 **Programming Contests, Participant.**

Major achievements:

- The 1st place at 31st Classic Coding Contest 2019 Frankfurt am Main, Germany;
- The 3rd place, teamed, at 30th Classic Coding Contest 2019 Salzburg, Austria;
- Silver Medal, teamed, 2014 ACM-ICPC Shandong Provincial Programming Contest, China;
- Honorable Mention, teamed, 2013 ACM-ICPC Asia Regional Contest Nanjing On-site, China.

2014–2019 **Cyber Security Contests, Participant.**

Major achievements:

- The 1st place, teamed, at IAV Security Hackathon Braunschweig 2019, Germany;
- Second Prize, teamed, the Second *Qingdao 4G China-Mobile Cup* Qingdao Collegiate Cyber Security Contest 2014 · Nationwide Universities Invitational, China.

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

2016 **Silicon Spread Corp.**, *Front End Developer Intern*, Dalian, China.

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

2012–2014 **CoYouth Club, Leader.**

Held programming contests, technical salons and provided premium services to the 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.

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

Major achievements:

- Honorable Mention, teamed, the 2013 Mathematical Contest in Modeling, multiple locations;
- First Prize, teamed, 2012 China Undergraduate Mathematical Contest in Modeling.

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

Major achievements:

- Took part in concerts, performances, flash shows;
- Worked on editing audio clips, tuning and synchronizing rhythm.

2012 **Asia-Pacific Business Talent Exchange Programme, Exchange Student, Business School of the Chinese University of Hong Kong, China.**

Studied basic subjects in commerce, finance and business management and analyzed special cases of recent global financial crisis.

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

Learned basic knowledge of personal finance planning and team working skills on personal finance consulting.

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

Major achievements:

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

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, Linux, \LaTeX , Natural Language Processing, Computer Graphics, Computer Vision, Software Engineering, Penetration Testing, Machine Learning, Deep Learning, Structured Programming, Object Oriented Programming, Functional Programming, Quantitative Analysis (Finance), Databases;

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