

Maoyin Sun

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Personal Data

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

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 *A E-voting System Based on Cryptology*
Supervisor J. Zhang
Description Based on a VLR group signature plan which is 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 support revoking illegal voters online.

Academic Interests

Theory of Computation, Combinatorics, Computer Graphics, Data Visualization, Programming Languages, Algorithm Trading.

Experience

2011–2012 **Participant**, *Mathematics Contests in Modeling*.
Major achievements:
○ First Prize in 2012 Contemporary Undergraduate Mathematical Contest in Modeling;
○ Honorable Mentions in the 2013 Mathematical Contest in Modeling in America;
2011–2013 **Participant**, *International Collegiate Programming Contest*.
Major achievements:
○ Honorable Mention, The 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 the International Software Freedom Day in Tsingtao in 2013 and 2014;
 - Coached and authored problems for programming contests in 2013 and 2014.
 - Maintained useful services, 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 in 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*.
 Serve students with internet tools.
 Major achievements:
- Built public website for 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*.
 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 Franz Open-Advertising Wi-Fi AP Management Cloud Service.

Languages

- Chinese Native speaker
- English Professional working proficiency
- German Limited working proficiency

Skills

- Professional Modeling, Research, Algorithm Design, Front-end Developing, Data Visualization, JavaScript, C/C++ STL, Linux, L^AT_EX, 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;