Maoyin Sun

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Personal Data

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	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.

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.

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;