

# Maoyin Sun

84 Beidou St. Zhongshan Dist.  
116001 Dalian, PR China  
☎ +86 15541110411  
✉ [simonmysun@gmail.com](mailto:simonmysun@gmail.com)  
📁 [simonmysun.github.io](https://simonmysun.github.io)  
in [simonmysun](#)

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## Personal Data

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

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## Education

2008–2011 **High School Degree**, *Dalian No.20 Senior Middle School*, Dalian.  
2011–2015 **Bachelor of Information and Computing Science**, *Ocean University of China*, Tsingtao.

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## Bachelor Thesis

Title *A E-voting System Based on Cryptology*  
Supervisor Prof. ZHANG Jingliang  
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.

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## Academic Interests

Theory of Computation, Combinatorics, Programming Languages, Algorithm Trading.

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## Experience

### Vocational

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 Nanjing On Site Regional Contest;  
○ Silver Medal, 2014 ACM-ICPC China Shandong Provincial Programming Contest;

- 2012 **Asia-Pacific Business Talent Exchange Programme**, *The Chinese University of Hong Kong*, Hong Kong.
- 2012 **Personal Finance Assistant Intern**, *Prudential plc*, Hong Kong.
- 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 OUC 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, off-line download service, cloud storage, etc.
- 2014–2016 **Student Membership**, *Association for Computing Machinery*.
- 2013–2014 **Co-Founder & Front-end Developer**, *Lazywrt.org*, Tsingtao.  
 Developed Franz Open-Advertising WiFi AP and Management Cloud Service.
- 2014 **Participant**, *Information Security Competitions*.  
 ◦ Second Prize in Second “*Qingdao 4G China-Mobile Cup*” Qingdao Collegiate Information Security Competition · National Universities Invitational;
- 2016 **Intern**, *Silicon Spread Corp.* , Dalian.

#### Miscellaneous

- 2011–2012 **Director of IT Department**, *Student Union*.  
 Serve students with internet tools.  
 Major achievements:
- Built public website: [stu.ouc.edu.cn](http://stu.ouc.edu.cn);
  - Set up official accounts on mainstream SNSs;
  - 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 incharge of processing audio clips, tuning and synchronizing rhythm.

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#### Languages

- Chinese Native speaker
- English Toefl iBT 87
- German 1080 45-minutes teaching units

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#### Skills

- Professional Modeling, Research, Algorithm Design, Front-end Developing, Data Visualization, JavaScript, C/C++ STL, Linux,  $\text{\LaTeX}$ , Bash, Python, Natural Language Processing, Computer Graphics, Computer Vision, Software Engineering, Structured Programming, OOP, Functional Programming, Quantitive Analysis(Finance), Databases;
- Others Public Speaking, Leadership, Vocal Percussion, Microsoft Office & VBA, Embedded Development;