



Maoyin Sun

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Education

Chemnitz University of Technology, Faculty of Computer Science

2016–Now *Master of Science* 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.

Thesis: Placeholder for thesis title Placeholder for thesis title Placeholder for thesis title
Placeholder for thesis title, supervised by placeholder for advisor

Abstract: Placeholder for abstract Placeholder for abstract Placeholder for abstract Placeholder
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Ocean University of China, School of Mathematical Sciences

2011–2015 *Bachelor of Science*, 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.

Chinese University of Hong Kong, Business School

2012 Asia-Pacific Business Talent Exchange Programme, Hong Kong, China.

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

— Experience

Robert Bosch GmbH

2022–2023 *Working Student*, Leonberg, Germany.

Set up knowledge management system deployment automation (Ruby, Gradle); Developed loss-less and near-lossless image compression software and testing tools (C++, Computational photography, Computer vision, ADTE, ADAS).

Union Investment, Department of Investment Controlling System

2019–2021 *IT Inhouse Consultant Internship & Working Student*, Specialist for Risk Controlling & Performance Analysis, Frankfurt am Main, Germany.

Responsible for the operation and further development of SS&C Algorithmics and Ortec Pearl (Python, JavaScript, C, Go, Bash, Perl, Oracle DB, Java)

Chemnitz University of Technology, Faculty of Computer Science

2017 *Research Assistant*, Chemnitz, Germany.

The project was part of an interdisciplinary research team in the *CrossWorlds* graduate school and ranged from cognitive and developmental psychology to aspects of human-computer interaction and technical system implementation (Unity3D, C#, JavaScript).

Silicon Spread Corp., Department of Marketing

2016 *Internship*, Dalian, China.

Independently redesigned and consigned its website (PHP, HTML, CSS, SVG, JavaScript, Vue.js).

Lazywrt.org

2013–2014 *Co-Founder & Front-end Developer*, Tsingtao, China.

Designed and developed Lazywrt **Wi-Fi router** and its **firmware** and Franz Open-Advertising Wi-Fi AP **Cloud Management** Service (OpenWrt, C, Lua, Python, HTML, CSS, JavaScript).

Prudential plc

2012 *Personal Financial Planning and Analysis Internship*, Hong Kong, China.

Learned and practiced basic knowledge of planning, forecasting and analysis, as well as team working skills on personal finance consulting.

Miscellanea

Competitive Programming Contests

2012–2019 *Participant*, multiple locations.

- 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.

Cyber Security Contests

2014–2019 *Participant*, multiple locations.

- The 1st place, randomly 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.

Association for Computing Machinery

2014–2016 *Student Membership*, online.

Mathematics Contests in Modeling

2012–2013 *Participant*, multiple locations.

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

Ocean University of China, Student Societies

2012–2014 *President*, CoYouth Club, Tsingtao, China.

Held and coached programming contests, technical salons and provided various IT services.

2012–2014 *Vocal Percussionist*, Students Art Troupe, Tsingtao, China.

2011–2013 *Head of IT Department*, Student Union, Tsingtao, China.

Built and maintained the official website, set up and operated social media accounts, and 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“

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