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# Shengdi Chen

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**Gender:** Male

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Schweiz

## Skills and Interests

- Competence in Computational Science & Applied Mathematics; Training in Natural Sciences
- Fluent in English, Chinese and German; proficient in French; conversational in Spanish, Italian and Russian
- Wide range of hobbies: from 15-year experience in the Violin to BlackBerry and ThinkPad Collection

## Education

### Secondary School

Shanghai Foreign Language School

Sep. 09 → Jul. 13

### High School

Shanghai Foreign Language School

Sep. 13 → Sep. 14

Privates Internatsgymnasium Schloss Torgelow

Oct. 14 → Jun. 17

### B.Sc.<sup>1</sup> & M.Sc.

Computational Science and Engineering<sup>2</sup>

(Rechnergestützte Wissenschaften =: RW)

D-MATH, Swiss Federal Institute of Technology in  
Zurich (ETH Zürich)

Sep. 17 → Aug. 23

(projected for current studies)

## Employment

### Internship

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<sup>1</sup> [B.Sc. Thesis](#) (6.0/6.0): Mastering Tetris with Reinforcement-Learning; supervised by Prof. Dr. J. Buhmann, D-INFK.

<sup>2</sup> Specialization: Control Theory (major) & Robotics (minor).

Software Developer META Motoren- und Energie-Technik GmbH	Jul. 15
Market Researcher Vanke Co., Ltd.	Jul. 17 → Aug. 17

## Part-time Position

Control Theoretician & Software Developer Department of Speech Pathology & Audiology, East China Normal University	Sep. 17 → ★ (ongoing engagement)
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# Academic Achievements

## Scholarship

Admission to German Academic Scholarship Foundation <sup>3</sup> (Studienstiftung des deutschen Volkes)	Dec. 17
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## Patent

»Methods of Establishing Prediction-Models of Rehabilitation Efficacy of Child Autism« Application Number: 202011188949.0	Oct. 20
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## Publication

»Evaluation and Training of Social Ability of Children with Autism Based on Robot Technology« China Educational Technology & Equipment, 1671–489X	Jun. 21
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## Mathematics

Perfect Score AMC 8 (American Mathematics Competition 8)	Oct. 10
Finalist 2013 HiMCM (COMAP's High School Mathematical Contest in Modeling)	Jan. 14
Honorable Mention 2014 MCM (COMAP's Mathematical Contest in Modeling)	Apr. 14
State Gold Medalist & Champion 54 <sup>th</sup> German Mathematics Olympics (Mathematik-Olympiade)	Feb. 15
National Silver Medalist 54 <sup>th</sup> German Mathematics Olympics (Mathematik-Olympiade)	Jun. 15

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<sup>3</sup> No monetary funding due to non-German nationality and non-German University for B.Sc. Studies.  
[Contact: Dr. R. Hain | hain@studienstiftung.de]

6<sup>th</sup> Global Team Ranking Nov. 15  
26<sup>th</sup> Baltic Way Mathematical Team Contest

State Gold Medalist & Champion Feb. 16  
55<sup>th</sup> German Mathematics Olympics (Mathematik-Olympiade)

2<sup>nd</sup> Prize May. 16  
First Round: Federal Contest of Mathematics of Germany  
(Bundeswettbewerb Mathematik)

1<sup>st</sup> Prize May. 16  
Math Kangaroo Competition (Känguru der Mathematik)

State 3<sup>rd</sup> Prize Feb. 17  
56<sup>th</sup> German Mathematics Olympics (Mathematik-Olympiade)

## Languages

Participation as Ambassador Jan. 16  
48<sup>th</sup> THIMUM

Grade A Jun. 16  
CPE (Certificate of Proficiency in English), CEFR C2

Goethe-Zertifikat Sep. 16  
Grosses Deutsches Sprachdiplom, CEFR C2

National 2<sup>nd</sup> Prize Sep. 16  
2016 Federal Contest of Foreign Languages of Germany  
(Bundeswettbewerb Fremdsprachen)

National 1<sup>st</sup> Prize & Champion<sup>4</sup> Sep. 17  
2017 Federal Contest of Foreign Languages of Germany  
(Bundeswettbewerb Fremdsprachen)

## Management

Business@school Aug. 15 → Jun. 16

TOPSIM: General Management Jun. 16

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<sup>4</sup> Automatic admission to German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes).