Shengdi
Chen

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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.[1] & M.Sc.

Computational Science and Engineering[2]	Sep. 17 ⇀ Aug. 23
(Rechnergestützte Wissenschaften =: RW)	(projected for current studies)
D-MATH, Swiss Federal Institute of Technology in Zurich (ETH Zürich)	

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[1] B.Sc. Thesis (6.0/6.0): Mastering Tetris with Reinforcement-Learning; supervised by Prof. Dr. J. Buhmann, D-INFK.
[2] Specialization: Control Theory (major) & Robotics (minor).

Employment

Internship

Software Developer	Jul. 15
META Motoren- und Energie-Technik GmbH	

Market Researcher	Jul. 17 ⇀ Aug. 17
Vanke Co., Ltd.	

Part-time Position

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

Academic Achievements

Scholarship

Admission to German Academic Scholarship Foundation[3]	Dec. 17
(Studienstiftung des deutschen Volkes)	

Patent

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

Publication

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

Mathematics

Perfect Score	Oct. 10
AMC 8 (American Mathematics Competition 8)	

Finalist	Jan. 14
2013 HiMCM (COMAP's High School Mathematical Contest in Modeling)	

Honorable Mention	Apr. 14
2014 MCM (COMAP's Mathematical Contest in Modeling)	

State Gold Medalist & Champion	Feb. 15
54th German Mathematics Olympics (Mathematik-Olympiade)	

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

National Silver Medalist   Jun. 15
54th German Mathematics Olympics (Mathematik-Olympiade)

6th Global Team Ranking   Nov. 15
26th Baltic Way Mathematical Team Contest

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

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

1st Prize   May. 16
Math Kangaroo Competition (Känguru der Mathematik)

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

Languages

Participation as Ambassador   Jan. 16
48th THIMUN

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

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

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

National 1st Prize & Champion[4]   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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[4] Automatic admission to German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes).