
Shengdi Chen

me@shengdichen.xyz^{PGP} | shenchen@ethz.ch



Gender: Male
DoB: 09. Oct. 1997
Site: shengdichen.xyz
Mobile: +41 76 465 65 86

Stettbachstrasse 43
8057 Zürich
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 Engineering²

(Rechnergestützte Wissenschaften =: RW)

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

Sep. 17 → Aug. 23

(projected for current studies)

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

²Specialization: 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

(ongoing engagement)

Normal University

Academic Achievements

Scholarship

Admission to German Academic Scholarship Foundation³ 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)

³No 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 54 th German Mathematics Olympics (Mathematik-Olympiade)	Jun. 15
6 th Global Team Ranking 26 th Baltic Way Mathematical Team Contest	Nov. 15
State Gold Medalist & Champion 55 th German Mathematics Olympics (Mathematik-Olympiade)	Feb. 16
2 nd Prize First Round: Federal Contest of Mathematics of Germany (Bundeswettbewerb Mathematik)	May. 16
1 st Prize Math Kangaroo Competition (Känguru der Mathematik)	May. 16
State 3 rd Prize 56 th German Mathematics Olympics (Mathematik-Olympiade)	Feb. 17

Languages

Participation as Ambassador 48 th THIMUM	Jan. 16
Grade A CPE (Certificate of Proficiency in English), CEFR C2	Jun. 16
Goethe-Zertifikat Grosses Deutsches Sprachdiplom, CEFR C2	Sep. 16
National 2 nd Prize 2016 Federal Contest of Foreign Languages of Germany (Bundeswettbewerb Fremdsprachen)	Sep. 16
National 1 st Prize & Champion ⁴ 2017 Federal Contest of Foreign Languages of Germany (Bundeswettbewerb Fremdsprachen)	Sep. 17

Management

Business@school	Aug. 15 → Jun. 16
TOPSIM: General Management	Jun. 16

⁴ Automatic admission to German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes).