Shengdi Chen

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Data scientist &
System administrator

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Stettbachstrasse 43
CH-8051 Zürich

♫ violinist of orchestra
KGO Zürich

(indoor) rowing

language learning

EMPLOYMENT

(Remote) Data scientist & System administrator 2017 → ★
Department of Speech Pathology & Audiology, East China Normal University

EDUCATION

Master of Science 2023 → 2024
Computational Science and Engineering, ETH Zürich
Thesis: Masked PDE-Learning (5.5/6.0; Prof. S. Mishra)

Bachelor of Science 2017 → 2023
Computational Science and Engineering, ETH Zürich
Thesis: Mastering Tetris with Reinforcement-Learning (6.0/6.0; Prof. J. Buhmann)

Secondary School
Private Boarding School Schloss Torgelow 2014 → 2017
Shanghai Foreign Language School 2009 → 2014

PUBLICATIONS (EXCERPT)

» Method to Informationize the Development of Autistic Children and Predict their Future Career «
United States Patent and Trademark; US-20230177633-A 2023-06

» Evaluation and Training of Social Ability of Children with Autism Based on Robot Technology «
China Educational Technology & Equipment; 1671-489X 2021-06

PROGRAMMING
Python
Bash & powershell
Lua, Javascript
C, C#

TECH STACKS
PyTorch, NumPy, SciPy
Linux system admin
Pandas, SQL, R
GUI toolkits (Qt, Tk)

LANGUAGES

conversational — proficient — fluent

Russian — French — English
Arabic [فصحى] — Spanish [Latino] — German
Chinese [简 + 粤]