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| Date of birth: 1996.06.12 | Gender: Male |
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| **Education** |  |
| PhD in Earth and Atmosphere Science, The Chinese University of Hong Kong, China | 2021- |
| M.Sc. in Geodesy and Survey Engineering, Wuhan University, China | 2020-2021 |
| M.Sc. in ESPACE, Technical University of Munich, Germany | 2019-2020 |
| M.Sc. in Geodesy and Survey Engineering, Wuhan University, China | 2018-2019 |
| B.Sc. in Navigation Engineering, Wuhan University, China (GPA: 3.89/4.0) | 2014-2018 |

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| **Honors and Awards** |  |
| Hong Kong PhD Fellowship Schemes | 2021 |
| National Graduate Scholarship | 2019 |
| Leijun Scholarship | 2019 |
| Nomination Award of Top Ten Academic Stars of Wuhan University | 2019 |
| Yuequn Academic Stars of School of Geodesy and Geomatics | 2019 |
| Outstanding Graduate Student | 2019 |
| First Prize of Excellent Academic Scholarship | 2019 |
| Outstanding Undergraduate | 2018 |
| Excellent Bachelor’s Degree Thesis of Wuhan University | 2018 |
| Lei Jun Scholarship | 2017 |
| Outstanding Undergraduate Student Model | 2016-2017 |
| Yu Gang Song Xiao Scholarship | 2016 |
| National Scholarship | 2015 |
| Wuhan University Class A Scholarship | 2015-2017 |

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| **Publications** |
| 1. **Sun, Z.**, Zhang, B., & Yao, Y. (2021). Improving the Estimation of Weighted Mean Temperature in China Using Machine Learning Methods. Remote Sensing, 13(5), 1016. 2. Li, J., Zhang, B., Yao, Y., Liu, L., **Sun, Z.**, & Yan, X. (2020). A Refined Regional Model for Estimating Pressure, Temperature, and Water Vapor Pressure for Geodetic Applications in China. Remote Sensing, 12(11), 1713. 3. **Sun, Z.**, Zhang, B., & Yao, Y. (2019). An ERA5‐based model for estimating tropospheric delay and weighted mean temperature over China with improved spatiotemporal resolutions. Earth and Space Science, 6(10), 1926-1941. 4. **Sun, Z.**, Zhang, B., & Yao, Y. (2019). A global model for estimating tropospheric delay and weighted mean temperature developed with atmospheric reanalysis data from 1979 to 2017. Remote Sensing, 11(16), 1893. 5. Yao, Y., **Sun, Z.**, & Xu, C. (2018). Establishment and Evaluation of a New Meteorological Observation-Based Grid Model for Estimating Zenith Wet Delay in Ground-Based Global Navigation Satellite System (GNSS). Remote Sensing, 10(11), 1718. 6. Yao, Y., **Sun, Z.**, Xu, C., Zhang, L., & Wan, Y. (2018). Development and Assessment of the Atmospheric Pressure Vertical Correction Model With ERA‐Interim and Radiosonde Data. Earth and Space Science, 5(11), 777-789. 7. Yao, Y., **Sun, Z.**, Xu, C., Xu, X., & Kong, J. (2018). Extending a model for water vapor sounding by ground-based GNSS in the vertical direction. Journal of Atmospheric and Solar-Terrestrial Physics, 179, 358-366. |

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| **English Skills** |
| **TOEFL** (2020.07.18) Total Score: 100, Reading: 26, Listening: 26, Speaking: 22, Writing: 26 |

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| **Computer Skills** |
| C, C++, C#, Python, MATLAB |