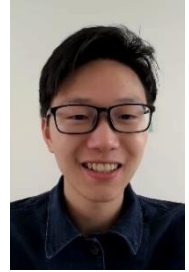


Teng Wu

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Delft, Netherlands



WORKING EXPERIENCE

- 2021 – Present **C/C++ Software Engineer, satellite positioning group, Fugro**
- C/C++ software development, specialized in satellite positioning.
 - CI/CD pipeline deployment on TeamCity and GitHub.
- 2019 – 2020 **Software developer, 3D Geoinformation Group, TU Delft**
- Agile software development via Python. Develop GEOBIM software for Municipality of Rotterdam to automatically check if buildings meet the zonal construction regulations in Rotterdam.
 - C++ software development to generation 3D city model of the whole Netherlands.
 - Data quality control by using R studio and PostgreSQL database
- 2018 - 2019 **Research assistant, 3D Geoinformation Group, TU Delft**
- Version management of GIS-developed software via Git.
 - LINUX server management.
 - Automation source code compile on Windows PowerShell. Automatically software release& deployment via GitHub flow.

EDUCATION

- 2017 - 2019 **Delft University of Technology, Netherlands**
Master of Geomatics
- GPA: 8/10
 - Main courses: Python, Spatial Decision Support for Planning and Crisis Management, Database, Geo Datasets and Quality and 3D Modelling, GIS.
- 2018 - 2019 **KTH Royal Institute of Technology, Sweden**
Exchange student of Transportation and Geo-Information Engineering
- GPA: 10/10
 - Main courses: Geovisualisation, Laser Scanning Technology, GIS Architecture and Algorithms and GIS project, Java Programming.
- 2013 - 2017 **Wuhan University, China**
Bachelor of Remote Sensing and Information Engineering
- GPA: 3.6/4
 - Main courses: Probability and Mathematical Statistics, Pattern Recognition, Data Structure, C Programming, C++ Object Oriented Programming, C# development, Photogrammetry, Spatial Analysis, MATLAB Programming, Advanced Mathematics and Linear Algebra.

PUBLICATIONS

- Wu, T. (2019). Visibility Analysis in a Point Cloud based on the Medial Axis Transform.
- Noardo, F., Wu, T., Arroyo Ohori, K., Krijnen, T., Tezerdi, H., & Stoter, J. (2020). GEOBIM FOR DIGITAL BUILDING PERMIT PROCESS: LEARNING FROM A CASE STUDY IN ROTTERDAM. ISPRS Annals of Photogrammetry, Remote Sensing & Spatial Information Sciences, 6.
- Dukai, B., Peters, R., Wu, T., Commandeur, T., Ledoux, H., Baving, T., ... & Stoter, J. (2020). Generating, storing, updating and disseminating a countrywide 3D model. The International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences, 44, 27-32.
- Bouzas, V., de Groot, R., Sajadianjaghargh, M., Tzounakos, N., & Wu, T. (2018). Urban Horizon: A Technical Report on the Development of a Web Application for Sky View Factor Calculation..
- Li, K., Yao, J., Lu, M., Heng, Y., Wu, T., & Li, Y. (2016, March). Line segment matching: a benchmark. In 2016 IEEE Winter Conference on Applications of Computer Vision (WACV) (pp. 1-9). IEEE.