


Xuqin Wang

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 xuqin-wang

 Sophia

Boltzmannstrasse 3
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Germany

Research Interests

3D Reconstruction and Scene Understanding, visual SLAM, visual foundation models.

Education

Technical University of Munich Munich, Germany
Ph.D. student at School of Computation, Information and Technology May 2023 – Present
Supervisor: Daniel Cremers and Niclas Zeller

Telecom Paris, IP Paris Palaiseau, France
Diplôme d'ingénieur (M.S.), Image Processing and Data Science Sep. 2020 – Nov. 2022

Shanghai Jiao Tong University Shanghai, China
B.S., Computer Science and Technology Sep. 2016 – July 2020

Experience

Huawei Munich Research Center Munich, Germany
Researcher May 2023 – Present
3D Reconstruction and Scene Understanding for Automotive Driving

Tremau Paris, France
Research Intern, Advisor: Theodoros Evgeniou March. 2022 – Sep. 2022
Identified and created relevant datasets and AI pipeline, designed an image retrieval method for detecting harmful copied images, and tested the established method on various datasets.

Valeo.ai & Telecom Paris, IP Paris Palaiseau, France
Research Student, Advisor: Florence Tupin Oct 2021 – Jan. 2022
Conducted a project on multi-view semantic segmentation Encoder-Decoder neural network for automotive driving, involving pre-processing strategies and benchmark experiments.

Siemens Industry Software (Shanghai) Co., Ltd. Shanghai, China
Summer Intern July 2019 – Aug. 2019
Gained experience with modelling software NX UG, its internal diagnostic & maintenance tool, and secondary development PMI software through UG open API.

PwC China
Winter Intern

Shanghai, China
Feb. 2019 – Apr. 2019

Collaborated with the engagement team to normalize, process, and analyze clients' companies' financial statements regulated by the State Taxation Bureau.

Awards

Zhiyuan Overseas Research Scholarship	2019
Spotlight & Most Popular Award in Google Girl's Hackthon	2019
Academic progress scholarship	2018

Skills

Programming: Python | C++ | Git | CUDA | JavaScript | HTML | Java Swing | SQL

Libraries: Jupyter | PyTorch | TensorFlow | OpenCV | Open3D

Languages: Chinese (Native), English (Fluent), French (Intermediate), German (Beginner)

References

References are listed in chronological order, then alphabetically within each year

Prof. Dr. Daniel Cremers

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76133 Karlsruhe
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Prof. Dr. Theodoros Evgeniou

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Prof. Dr. Florence Tupin

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