

XUQIN WANG

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EDUCATION

Telecom Paris, IP Paris

Palaiseau, France

Diplôme d'ingénieur (M.S.) in Progress

Sep. 2020 – Present

Grade: 13.9/20

Modules include: Image Processing, Object detection, Image Mining, 3D Vision, Data Science, Machine Learning, Deep Learning, etc.

Relevant Coursework:

- Feature Detection, Description and Matching (Python)
- Object tracking with Mean shift algorithm
- Panorama Construction (C++)
- Fundamental matrix computation with RANSAC
- Disparity Map Estimation with Stereo images
- Image classification and Image super-resolution with CNN (TensorFlow, Keras)
- Training language model with RNN

Technical University of Munich

Munich, Germany

Exchange student,

Oct 2019 – Mar. 2020

Grade: 1.7/5

Modules include: Edge Computing and the Internet of Things.

Shanghai Jiao Tong University

Shanghai, China

B.S., Computer Science and Technology

Sep. 2016 – July 2020

Core GPA: 3.47/4.3

Correlated curriculum: Probability Statistics, Algorithms and Complexity, Data Structure, Operation System, Computer Network, Software Engineering, etc.

Bachelor Thesis: Blockchain consensus protocol based on Dynamic Proofs of Retrievability

Supervisor: Long Yu

RESEARCH EXPERIENCE

Valeo.ai & Telecom Paris, IP Paris

Palaiseau, France

Crouse Project

Oct 2021 – Present

Supervisor: Arthur Ouaknine, Florence Tupin

- Pre-processing for 3D tensor input of multi-view semantic segmentation network.
- At present, the project is on the process of statistic analysis of input 3D tensor.

PROFESSIONAL EXPERIENCE

Siemens Industry Software (Shanghai) Co., Ltd.

Shanghai, China

Summer intern

July 2019 – Aug. 2019

- Experience with modeling software NX UG and its internal diagnostic & maintenance tool.
- Test and maintain the code of NU UG and secondary development PMI software through UG open API.

PwC China

Shanghai, China

Winter intern

Feb. 2019 – Apr. 2019

- Cooperated with engagement team and served our clients. Normalized, processed and analyzed their companies' financial statement of the form requested by the State Administration of Taxation.

ADMINISTRATION

Vice-chairman of Association for science and technology

Shanghai Jiao Tong University

Jun. 2018 –Apr. 2019

Co-organized annual freshmen technology competition in SJTU with other vice-chairman, and have got 200 participants and sponsor from iRobot company.

HONORS & AWARDS

First Prize of Chinese College Students Computer Design Contest

2019

Zhiyuan Overseas Research Scholarship

2019

Academic progress scholarship

2018

SKILLS

Programming Languages: Experienced: Python, **Familiar:** C++

Frameworks: Jupyter | PyTorch | TensorFlow | MySQL

Languages: Native: Chinese, **Fluent:** English, **Intermediate:** French

REFERENCES

3 references with the following information:

Arthur Ouaknine

PhD student, Télécom Paris (IDS department, IMAGES Team) and valeo.ai

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Florence Tupin

Professor, Telecom Paris - LTCI - Institut Polytechnique de Paris

Image, Data, Signal Department

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Yu Long

Shanghai Jiao Tong University

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