



Huoyuan Tan

✉ Email address: tanhuoyuan@gmail.com

🌐 Website: <https://hyuantan.github.io>

WORK EXPERIENCE

Algorithm Engineer

Xingyun Intelligence (Shenzhen) Technology Co., Ltd. (Shenzhen, China) [08/02/2017 – 08/10/2022]

City: Shenzhen | Country: China | Website: <http://arrive.ai/>

- Managed investigation, development and verification of algorithm modules, making the modules applicable to multiple scenarios
- Directed the R&D of the self-unloading forklift project
- Deeply engaged in the R&D of AGV(Automated Guided Vehicle)
- Deeply engaged in the R&D of ART(Artificial Intelligence Robot for Transportation)

EDUCATION AND TRAINING

Bachelor in Medical Information Engineering

Guangzhou University of Chinese Medicine [01/09/2013 – 30/06/2017]

City: Guangzhou | Country: China | Website: <https://www.gzucm.edu.cn/>

- Programming and Coding: Java, C, C#
- Fundamental Subjects: Data Structures and Algorithms, Database Design and Management, Networking, Operating System etc.

Master in Computer Science and Engineering

University of Gothenburg [01/09/2024 – Current]

City: Gothenburg | Country: Sweden | Website: <https://www.gu.se/en>

- AI courses: Design of AI systems, Advanced topics in machine learning, Autonomous and cooperative vehicular systems
- Optimization: Discrete optimization, Advanced algorithms

LANGUAGE SKILLS

Mother tongue(s): Chinese Mandarin | Cantonese

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming :C++, Python / Linux / Industrial Autonomous Driving(ROS, SLAM, Perception, Planning, DevOps etc.)
/ Machine Learning and Deep Learning