Curriculum Vitae

Name:	Shan Wang
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SKILLS:

- Strong foundational knowledge in Machine Learning and Computer Vision, with multiple papers accepted by prestigious conferences such as ICCV, ICRA, and ACCV.
- Extensive experience in problem-solving, solution design.
- Proficiency in programming with an excellent command of Python, C/C++.
- Familiar with multiple operating systems including Linux, RTOS, and Android.
- Accustomed to working in fast-paced, competitive, team environment.
- Fluency in English, Japanese, and Madeiran languages.

EDUCATION HISTORY:

- PhD in Computer Vision

Australian National University (ANU) - September 2021 - Present

Supervised by Dr. Chuong Nguyen and Prof. Hongdong Li.

Research Focus: Autonomous Driving and 3D Reconstruction.

- Master of Machine Learning and Computer Vision

Australian National University (ANU) - February 2020 - August 2021

Supervised by Prof. Hongdong Li.

Research Focus: Cross-view Localization.

- Bachelor of Information and Computing Science

Jiangxi University of Science and Technology - September 2000 - July 2004

WORK EXPERIENCE:

Senior Embedded Software Engineer to Project Manager

Pioneer Suntec Electronic Technology Co., Ltd - Shanghai, China; Saitama, Japan

March 2006 - February 2020

- Project Description:

Worked on automotive Navigation/Audio/TCU products with features including Driving Assistant System, Car Camera, Bluetooth, Carplay, Android Auto, Audio/Video decoding, descrambling, browser engine, graphics processing, etc.

- Responsibilities:

Analyse customer requirements, interface specifications, and hardware potential and limits. Developed comprehensive development plans and schedules.

Created customer-specific software components, conducted system and module designs, and programmed in Python/Java/C/C++ languages.

Junior Embedded Software Engineer

Hangzhou Nationalchip Science & Technology Co., Ltd - Hangzhou, China

August 2004 - March 2006

- Project Description:

Contributed to Set-Top-Boxes using IBM solutions. Responsibilities included chip replacement, UI redesign, and application adjustments/additions.

- Responsibilities:

Designed modules and wrote program code in C language to implement functions such as frequent scanning, program information reception and analysis, user interface, e-mail, and comments.

HOBBIES:

Animation, painting, photography, traveling, badminton, snowboarding.