

XINGYANG ZHOU

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🔗 <https://github.com/Wingzxy>



EXPERIENCE

ADAS internship

Global technology Ltd. Shanghai advanced research center

📅 July 2019 – August 2019 📍 Shanghai,China

- One month internship in Shanghai Global Ltd worked with ADAS developing team. Focus on L2 L3 autopilot algorithm and created several trajectory planning algorithms.
- Also did some embedded C/C++ programming with MCUs and accumulated MATLAB programming experience.

Hourly paid teacher

University of Bristol

📅 January 2020 – Ongoing 📍 Bristol,England,United Kingdom

- Work as a lab demonstrator for Artificial Intelligence with Logic Programming 2019 at University of Bristol.
- Explain coursework questions and help unit director update coursework brief.

PROJECTS

VR motion capture

Megan Broadmeadow

📅 February 2019 – May 2019 📍 Bristol,England

- Using Axis Neuron motion capture device to generate motion skeleton Combine captured motion with 3D models to made a 360 VR video

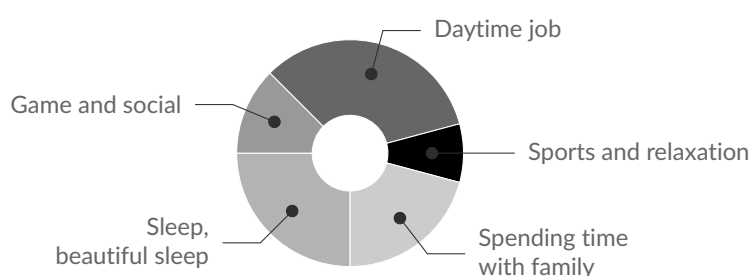
HPC applications on Autonomous Vehicle

University of Bristol

📅 February 2020 – May 2020 📍 Bristol,England

- Using sycl and openCL to test the execution time of autonomous car trajectory planning algorithm on difficult GPU(CPU) platform.
- The central problem is to find the execution efficiency between OpenCL and Sycl on different platform and find suitable hardware platform.

A DAY OF MY LIFE



MY LIFE PHILOSOPHY

"Empty your mind, be formless, shapeless – like water."

MOST PROUD OF



Barry Thomas scholarship

Obtain Barry Thomas Scholarship of Computer Science at University of Bristol in 2016



University Lecture Presentation

Provide a coursework introduction session at University of Bristol in March 2020



Bristol Plus award

Obtain Bristol Plus Award certificate in 2020

STRENGTHS

Hard-working

Eye for detail

Motivator & Leader

Teamworking

C++

Python

AWS

Data Science

High performance computing

LANGUAGES

English



Chinese



Japanese



EDUCATION

M.Eng. Computer Science

University of Bristol

📅 Sept 2016 – June 2020

IFP. Math and Physics

University of Bristol

📅 Sept 2015 – June 2016