Yunpeng Bai

baiyunpeng@akane.waseda.jp | phone: (+81) 090-6546-6747
Location: Tokyo, Japan | Github: https://github.com/BAIYUNPENG94
PersonalWeb: https://baiyunpeng94.github.io/

EDUCATION

WASEDA UNIVERSITY | Master Degree / School of Fundamental Science and Engineering .
Computer Science and Communication Engineering / Seminar Leader
Sep 2018 - Sep 2020 | Tokyo. Japan
GPA: 3.13 / 4.0

DONGHUA UNIVERSITY | Bachelor Degree / College of Information Science and Technology .
Communication Engineering
Sep 2013 – Jun 2017 | Shanghai. China

PROJECTS

DRONE BASED BUILDING 3D RECONSTRUCTION FLIGHT PATH PLANING SYSTEM

- Developed a drone path planing system to raise the efficiency of 3D reconstruction.
- Developed a sensors based drone control system by using Ros melodic system and Ardupilot Software suite.
- Used Gazebo do all the simulation experiments.
- Using Languages and Platforms: C++, Python, ROS melodic system, Gazebo, Raspberry Pi.

PERSONAL WEB PAGE

- Developed the front-end page based on VUE framework and Bootstrap.
- Developed the personal blog page use Hexo.
- Using Languages and Platforms: VUE, Bootstrap, HTML5, JavaScript, Hexo.
- URL: https://baiyunpeng94.github.io/

WORLD TIME APP

- Developed a world time app based on Flutter framework.
- Using Languages and Platforms: Dart, Flutter, Android Studio.

SYSTEM OF CONTROLLING REMOTE CAR USING COMPUTER.

- Developed a system which can remote control a little car use laptop keyboard.
- The signal receive and control part is developed on Raspberry Pi and Arduino.
- Using Languages and Platforms: C++, Raspberry Pi, Arduino, Arduino IDE.

SKILLS

PROGRAMMING LANGUAGES
Python, C/C++, JaveScript, HTML5, CSS, GDSript, Dart

FRAMEWORKS
Vue, Bootstrap, Django, Flutter, Tensorflow, Hexo

TOOLS
Git, Linux, Vim, VScode, Android Studio, Godot

PROFESSIONAL SOFTWARE AND PLATFORMS
Raspberry Pi, Arduino, Pixhawk, Ardupilot, ROS melodic, Gazebo, Matlab, Ansys HFSS

LANGUAGES
English: Business Level(TOEFL: 80)
Japanese: Daily Communication Level
Chinese: Native Level