

Yunpeng Bai

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

EDUCATION

WASEDA UNIVERSITY | MASTER DEGREE / SCHOOL OF FUNDAMENTAL AND ENGINEERING . COMMUNICATIONS AND COMPUTER 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

PERSONAL WEB PAGE

- Developed the front-end page based on VUE framework and Bootstrap library.
- Developed the onsite blog system use WordPress.
- Developed the back-end used Go language and SQLite.
- Using Languages and Platforms: VUE, Bootstrap, HTML5, JavaScript, Go, SQLite.

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.

INTELLIGENT TEST PAPER GENERATION SYSTEM

- Developed a test paper generating system to generate test papers automatically by teacher's request.
- Used genetic algorithm on test question selecting strategy.
- Used MySQL on developing question database.
- Using Languages and Platforms: C#, MySQL, .NET Core.

SKILLS

PROGRAMMING LANGUAGES

Python, C/C++, JavaScript, HTML5, CSS, GDSript, Dart

FRAMEWORKS

Vue, Bootstrap, Django, Flutter, Tensorflow

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

EXPERIENCE IN ASSOCIATION ACTIVITIES

SOCCER TEAM

Sep 2013 - Jun 2017 | DONGHUA University . Shanghai China

- During September 2013 - June 2017 I was a member of my faculty's soccer team.
- During 2015 - 2016 I was the captain of the team.