

Yijun Huang

hyjcde.github.com | www.yjhuang.net | hyjcde@gmail.com | +86-13960971312

EDUCATION

Beijing University of Aeronautics and Astronautics, Beijing Sept 2019 - Now
Bachelors of Software Engineering GPA: 3.67/4.0

Beijing University of Aeronautics and Astronautics, Beijing Sept 2020 - Now
Second Degree of English(All credits to be Completed in Spring 2022) GPA: 3.68/4.0

EXPERIENCE

Institute of Unmanned System - Intelligent Information Team Aug 2021 - Now
Multiple UAV System for Intellectual Cooperation, Internship Beijing, China

- Manage the communications between drones by GCS based on MQTT .
- Project Manager to conduct the project MUSIC.
- Lead author for competition of Fengru Cup in Beihang University(Using the project).
- Help with the Software:Small Sample Target Recognition

NFT Dream - Mirai May 2022 - Now
Mirai for Solana NFT Minting, Internship Changi, Singapore

- Implement minting procedure for Non-Fungible Tokens.
- Implement front-end logic and framework.
- Anticipate in designing user interface and logical interaction.

PROJECTS

Project 1 Oct 2021 - Dec 2021
Prof. AiHua Ren, Beihang University check in github

- The project, adopted from CS140 of Stanford, is about implementing the core source code of a minimum operating system.
- Pintos, a simple operating system framework for the 80x86 architecture, strengthen its support in all three of these areas.

Project 2 Apr 2020 - Jul 2020
Prof. Lv Sheng, Beihang University check in github

- The project is adopted from CS131 from Stanford and CSCI430 from Brown University
- It is about graph processing and computer vision

Other Projects

- **Project 4** : MUSIC control: a practical tool for controlling drones with collaboration
- **Project 5** : AEP: Academical Exchanging Platform, which is a platform to share academical information.

SCORES OF MAJOR SUBJECT

Score 1	Calculus	89	2020
Score 2	Linear Algebra	95	2020
Score 3	Discrete Math	94	2020
Score 4	Probability and Statistics	97	2020
Score 5	Physics	91	2020
Score 6	Introduction to AI	95	2021
Score 7	Intellectual Computing System	94	2021
Score 8	Mathematical modeling	93	2021
Score 9	CSAPP: Computer Architecture	93	2021
Score 10	Operating System and Linux Core	95	2022
Score 11	Computer Networks	94	2022

TECHNICAL SKILLS

Programming languages: , C, Java, Python, JavaScript, C++
ML/AI: Numpy, Matplotlib, SPSS Clementine

Web Technologies: HTML, CSS, Vue, Springboot
Miscellaneous: MySQL, Git, Shell, Latex, Unity

RELEVANT COURSEWORK

Computer Science: Deep Learning, Data Mining, Computer Vision, Data Structures and Algorithms, Databases, Operating Systems, Computer Networks

Mathematics: Linear Algebra, Calculus, Discrete Maths, Probability and Statistics, Mathematical modeling

ACTIVITIES

Volunteer of National Challenge Cup , Beijing: Sept, 2019
Connecting and communicating with teachers and students from different colleges and universities across the country

Organizer and Deliver of Admissions promotion for Beihang University, Fujian: Jan, 2020
Public Speaking: Introducing and advertising information and admissions of Beihang University to high school students