Yijun Huang

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EDUCATION

Beijing University of Aeronautics and Astronautics, Beijing   Sept 2019 - Now
Bachelors of Software Engineering   GPA: 3.66/4.0

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

EXPERIENCE

Institute of Unmanned Systems - Intelligent Information Team   Aug 2021 - Now
Multiple UAV System for Intellectual Collaboration(MUSIC), Internship   Beijing, China
- Accomplished the communications among drones by GCS based on MQTT
- Lead author for competition of Fengru Cup in Beihang University(Using this project).
- In charge of the Software: Small Sample Set Target Recognition

Mirai NFT - NFT Dream   May 2022 - Now
Mirai for Solana NFT Minting, Internship   Changi, Singapore(Remote)
- Implement minting procedure for Non-Fungible Tokens(NFT).
- Implement front-end architecture and program structure.
- Participate in designing user interface and logical interaction.

IELTS Test   Sept 2022
Band 7.5 in general   Beijing, China
- 9.0 in Reading and 8.5 in Listening
- 7.0 in Writing and 6.0 in Speaking

PROJECTS

Project 1   Oct 2021 - Dec 2021
Prof. AiHua Ren, Beihang University   check in github
- The project, adopted from CS140 of Stanford, was about implementing the kernel source code of a minimum operating system.
- Pint OS, a simple operating system framework for the 80x86 architecture, strengthened its support in the process, virtual memories and the file system.

Project 2   Apr 2020 - Jul 2020
Prof. Lv Sheng, Beihang University   check in github
- The project is adopted from CS131 from Stanford and CSCI1430 from Brown University
- It was about graph processing and computer vision from camera calibration to high-level python code

Other Projects
- **Project 4** ☑ : MUSIC control: A practical tool for controlling drones with collaborations
- **Project 5** ☑ : AEP: Academical Exchanging Platform, A platform dedicated in sharing and exploring academical information.

SCORES OF MAJOR SUBJECTS

Score 1	Linear Algebra	95	2020
Score 2	Mathematical Analysis for Engineering	89	2020
Score 3	Discrete Mathematics	94	2020
Score 4	Probability Theory and Mathematical Statistics	97	2020
Score 5	Fundamental Physics	91	2020
Score 6	Introduction of Artificial Intelligence	95	2021
Score 7	Applications of Intelligent Computers	94	2021
Score 8	Mathematical Modeling	93	2021
Score 9	Program Design Oriented Hardware Foundation	93	2021
Score 10	Operating Systems and Linux Kernel	95	2022
Score 11	Computer Network and Application	94	2022

TECHNICAL SKILLS

Programming languages: C, Java, Python, JavaScript, C++   **Web Technologies:** HTML, CSS, Vue, Springboot
DM/AI: Numpy, Matplotlib, SPSS Clementine   **Miscellaneous:** MySQL, Git, Shell, Latex, Unity

RELEVANT COURSEWORKS

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
Coordinated and communicated with professors and students from different and universities across the country

Speaker of Admissions promotion for Beihang University, Fujian: Jan, 2020
Public Speaking: Organized and introduced information and admission policies of Beihang University