Yijun Huang

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EDUCATION

Beihang University, Beijing — Sept 2019 - June 2023
Candidate for Baccalaureate Degree of Software Engineering — Cumulative GPA: 3.66/4.0

Beihang University, Beijing — Sept 2020 - June 2023
Candidate for Concurrent Baccalaureate Degree of English — Cumulative GPA: 3.78/4.0

EXPERIENCE

Institute of Unmanned Systems - Intelligent Information Team — Aug 2021 - Now
Intern, Control Softwares for Unmanned Aerial Vehicles – Junior Software Engineer — Beijing, China

- Conducted the project *Multi-UAVs System for Intellectual Collaboration(MUSIC)*
- Constructed the web UI for *A Small Sample Set Target Recognition System*
- Managed the communication modules for *I-Balance* ground control system

Mirai NFT - NFT Dream — May 2022 - Now
Intern, Mirai for Solana NFT Minting, Front-end Engineer — Changi, Singapore(Remote)

- Designed front-end architecture and program structure
- Established the front-end program and rendering effects
- Implemented minting procedure for Solana NFT

COURSEWORKS

Pint OS - A Operating System Kernel — Oct 2021 - Dec 2021
Prof. AiHua Ren, Beihang University

- Adopted a minimum operating system with simple kernel codes from CS140 of Stanford.
- Strengthened the supports for kernel threads, virtual memories and the file system.

Optical Tracker - A Lucas–Kanade Motion Detector — Apr 2020 - Jul 2020
Prof. Lv Sheng, Beihang University

- Adopted a motion detector with Lucas–Kanade method from CS131 of Stanford and CSCI1430 of Brown University
- Conducted a pyramidal LK optical flow code structure in a motion detector with SIFT options

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

Language Skill: IELTS: 8.0 Overall
Programming Languages: JavaScript, Java, C, Python
Web Technologies: HTML, CSS, Vue, Springboot
Miscellaneous: Shell, Latex, MySQL, Git

RELEVANT COURSES

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 domestic universities

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