侯詠章 Jarvis Hou

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in LinkedIn/Jar-17   📅 31/08/2003

PROFILE

I'm a devoted and intellectually curious computer science student. With 2 year of experience in Image processing , I have helped the Baseball Technology Carnival with swing and pitching analysis and broadcast the game video on Youtube with 3.6k viewers. Also, I have successfully lower the computation cost by 75% for mobile device and rise the prediction rate of barrel to nearly 90%. On top of that , I'm in the project about display device application from ministry of education in Taiwan, dealing with some features for the sports video like biomechanical tracking by opencap from Standford.Besides,I have the ability to work with others by git .Actually , I'm ready to learned more from any valuable chance

EDUCATION

Bachelor in Computer Science and Information Engineering   09/2021 – present
National Cheng Kung University   Tainan, Taiwan
- Courses: Computer project design(A+), Unsupervised Algorithm in machine learning(A+), Convolutional neural networks(A+), Designing,running, and analyzing experiments(A+) , Program Design(2) (A+) , Linear Algebra(A+) , Foundations Of Sports Analytics:Data , Representation , And Models In Sports (A+) , Foundations of Objective-C APP Development (A+)

AWARDS

Academic Award
NCKU
accept academic award for 2 times

PROFESSIONAL EXPERIENCE

Prospective Display of Technology and Cross-disciplinary Campus Demonstration Field Project   09/2023 – present
                                                                                            Tainan, Taiwan
Minstry of Education
- statistical assistance with Python for the joint degree, speed, and acceleration to speed up the analysis process 3 times

Baseball Technology Team Leader   08/2023 – present
NCKU RL   Tainan, Taiwan
- lower the cost of network for 4 times than original one
- maintain the performance of tracking to 86%

PROJECTS

Sport technology on baseball 🔗   06/2023 – present
Pitcher skeleton detection and batting analyze
- make a feature for the game broadcast for 3.6k viewers

Contribute-to-this-project   10/2023
- practice in git operation like fork,promote and push