Wang Yucheng

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Education

Joint Bachelor's Degree Program   Sept. 2019 ~ Expected May 2024

Columbia University, School of General Studies, New York, NY

Bachelor of Arts in Computer Science, GPA 4.09/4.33

City University of Hong Kong, Department of Computer Science, Hong Kong

Bachelor of Science in Computer Science, GPA 4.00/4.30

- YEUNG Kin Man Scholarships for CityU-Columbia U Joint Bachelor's Degree Program 2021-22
- Dean's list of College of Engineering (x4)

Work Experience

iFlytek, Suzhou, China   Jun. 2022 ~ Jul. 2022

Machine Learning Engineer Intern, Computer Vision Group

- Collaborated with a team to develop a Parkinson's disease identification system based on the human pose estimation
- Implemented a pipeline for filtering out the consistent human body key points results under different models from images taken by Depth camera and RGB camera
- Implemented a Human key points Labeling software independently with PyQt for manual annotation

City University of Hong Kong, Department of Computer Science, Hong Kong   Apr. 2022 ~ Aug. 2022

Teaching Assistant of Course "Fundamentals of Internet Applications Development"

- Prepared course materials including lecture and tutorial slides
- Designed Homework on implementing a simple website

Research Experience

Research on Human-Computer Interaction   Jun. 2021 ~ Present

Supervisor: Dr. LU Zhicong, Assistant Professor

- Research on online community user behavior pattern analysis and visualization
- Write the paper based on the research result which is accepted (minor revisions) by *The ACM CHI Conference on Human Factors in Computing Systems (CHI' 23)*: **Yucheng Wang**, Zhicong Lu. Making Sense of Post-match Fan Behaviors in the Online Football Communities.

City University of Hong Kong Shenzhen Research Institute, Shenzhen, China   Aug. 2021 ~ Mar. 2022

Research Assistant, Supervisor: Dr. LI Zhenjiang, Associate Professor

- Researched on deep neural network optimization on MCU (Microcontroller unit), by adopting pointwise pruning in convolutional neural network.
- Conducted experiments on the research by coding and deploying TinyML applications on microcontrollers and mobile devices

Extracurricular Activities

Mainland Basketball Team of City University of Hong Kong, *Member*   Sept. 2019 ~ May 2022

Skills & Qualifications

- Programing language: C/C++, Python, Java, SQL, HTML/CSS/JavaScript
- AI & DS: Skills and algorithms of machine learning and deep learning, experience in data cleaning, data analysis, model design applied in related research and Kaggle
- Language: Good command of both spoken and written English and Chinese