Yuemin(Austin) Yu

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in Yuemin Yu ☺ YuyueminAustin

Education

MPhil *in Computer Science*, **The University of Hong Kong**   *Sept. 2025 - June 2027*
  ○ Supervisors: **Prof. Chenshu Wu**, **Prof. Chuan Wu**

BEng *in Computer Science*, **The University of Hong Kong**   *Sept. 2021 - June 2025*
  ○ **First Class Honours**, GPA: 3.62/4.3

Exchange Student, **University of Toronto**   *Jan. 2024 - Apr. 2024*
  ○ GPA: 3.43/4.0

Publications

[C2] OctoNet: A Large-Scale Multi-Modal Dataset for Human Activity Understanding Grounded in Motion-Captured 3D Pose Labels

Dongsheng Yuan, Xie Zhang, Weiying Hou, Sheng Lyu, **Yuemin Yu**, Luca Jiang-Tao Yu, Chengxiao Li, Chenshu Wu
NeurIPS 2025 Datasets&Benchmarks

[C1] Temporal Modeling of Room Impulse Response Generation via Multi-Scale Autoregressive Learning

Sheng Lyu, **Yuemin Yu**, Chenshu Wu
Interspeech 2025

[D1] Statistical Acoustic Sensing For Real-Time Respiration Monitoring and Presence Detection

Sheng Lyu, Ruiming Huang, **Yuemin Yu**, Chenshu Wu
Mobisys' 2024 Demos

Experience

Research Assistant, *HKU AIoT Lab*   *June 2023 - June 2025*
Supervisor: Prof. Chenshu Wu, School of Computing and Data Science, HKU   Hong Kong

Mitacs Research Intern, *The Hu Lab, Western University*   *June 2024 - Sept. 2024*
Supervisor: Prof. Pingzhao Hu, Department of Biochemistry, Western University   London, Canada

  ○ Worked as Research intern in the lab, with the support of Mitacs Resarch Internship Award
  ○ Initiated the project of Machine-learning Assisted Wearable Sensor design

Student Teaching Assistant, *School of Computing and Data Science, HKU*   *Sept. 2022 - Nov. 2022*
                    Hong Kong

  ○ Worked as a student teaching assistant for the course ENGG1330, an introductory programming course
  ○ Conducted tutorials on a weekly basis, responded to students' questions

Awards

HKU Postgraduate Scholarship   *Sept. 2025 - Present*
HKU Foundation entrance scholarship (full tuition)   *Sept. 2021 - June 2025*

Dean's Award, Faculty of Engineering, HKU	*Sept. 2021 - June 2022*
Mitacs Globalink Research Internship Award Candidate (Western University)	*Feb. 2024*
Exchange Scholarship, HKU	*Mar. 2024*

Activities

Peer Mentor of Faculty of Engineering, HKU	*Aug. 2023 - June 2025*
Member, Team INVENEER, finalist, AWS Educate Business Innovation Competition 2022, AWS HK	*Oct. 2022*