

Pingbang Hu

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Greatness is not an outcome, it's a choice.

Education

- 2021–2023 **University of Michigan**, *College of Engineering & College of Literature, Science, and the Arts*,
Computer Science & Math (Honor Program)
GPA – 3.95/4
- 2019–2023 **Shanghai Jiao Tong University**, *UM-SJTU Joint Institute*,
Electrical and Computer Engineering
GPA – 3.7/4

Experience

- Oct 2021– **Research Assistance**, UMICH EECS APARTMENT
Ongoing ○ Fairness Analysis on GNN(Graph Neural Networks).
○ Analysis on generalization ability on GNN.
- May 2021– **Software Engineer**, CHIEFNOOB, A startup company
Ongoing ○ Aiming for highly customizable mobile app building.
○ Using the start-of-the-art tools like GoLang, MongoDB, etc.
- Mar. 2021 – **Teaching Assistance**, UM-SJTU JI, Vv285 Honor Mathematics II
Aug. 2021 ○ Hold 1st UM-SJTU JI Integration Bee competition.
○ Holding Recitation class/Grading Assignment, Exam/Offering Office Hour
- Sep. 2020 – **Teaching Assistance**, UM-SJTU JI, Vv186 Honor Mathematics I
Dec. 2020 ○ Holding Recitation class/Grading Assignment, Exam/Offering Office Hour

Honors

- Oct. 2021 **Hong Kong, Macao and Taiwan Overseas Chinese Student Scholarship**, *SJTU*
○ First Price(Ranked 2) among all HK, Mc and Tw students in **SJTU**.
- Nov. 2020 **Undergraduate Excellent Scholarship**, *SJTU*
○ Third Price among all students in **UM-SJTU JI**.
- Jun. 2020 **Bao Gang Excellent Scholarship**, *SJTU*
○ Ranked 3 among all Tw students in **SJTU**.
- Dec. 2019 **Hong Kong, Macao and Taiwan Overseas Chinese Student Scholarship**, *UM-SJTU JI*
○ Ranked 1 among all HK, Mc and Tw students in **UM-SJTU JI**.

Technical Experience

- Languages C, C++, Go(Golang), Python, Java, elm, Matlab,
- Utilities Git, Redmine, Anaconda, Jupyter Notebook, OpenGL, \LaTeX , markdown, Docker, Google Cloud Platform, Figma, Mathematica, MongoDB, Postman, Gurobi, Inkscape, Vim, VSCode

Focus Domain

- Math Real Analysis, Topology, Game Theory, (non) Convex Optimization Theory, Probability Theory
- Computer Science Graph Neural Network, Algorithm Analysis, Learning Theory, Theoretical CS