Pingbang Hu

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

Education

2021–2023 **University of Michigan**, *College of Engineering*,
Computer Science & Math (Honor Math 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