

rubicRelevant Experience *[20232024] Participated and <https://github.com/bomtall/islp/tree/main/Chapter04pres> in reading group on Machine Learning at the London South Bank University using Python, , and Typst. *[2023] Top 2% rank in QRT 2023 prediction challenge using Python data science and machine learning tools such as numpy, scipy, pandas, matplotlib, and pipelines with custom scikit-learn estimators; see <https://github.com/clvnkhr/Quick-notes-sk-learn/blob/master/sklearn.pdfwrite-up>. *[2023] <https://devpost.com/software/pensumperdiscere> Attended Anthropic AI Hackathon on building apps with Claude 2.0 LLM. *[2023] Contributed integer sequences <https://oeis.org/A364353A364353> and <https://oeis.org/A364354A364354> to the <https://oeis.org/A364354OEIS>. *[2022] Developed skills in computer science and programming via online courses by Harvard and EPFL. *[2022] <https://bicmr.pku.edu.cn/cn/content/show/46-2688.html> Presented research at the Peking University Beijing International Center for Mathematical Research. *[2020] Taught mini-course on microlocal analysis and the pseudodifferential calculus to about 20 students. *[2020] Discussed and presented important research papers in the field of theoretical PDEs to a group of about 20 researchers at Beijing Normal University. *[2019] Taught course in Advanced Partial Differential Equations, teaching rigorous proofs in advanced real analysis.