rubricRelevant Experience *[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/pepe-pensumperdiscereAttended Anthropic AI Hackathon on building apps with Claude 2.0 LLM. *[2023] Participating in reading group on Machine Learning at the London South Bank University. *[2023] Discovered integer sequences https://oeis.org/A364353A364353 and https://oeis.org/A364354A364354 and added them 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.htmlPresented research at the Peking University Beijing International Center for Mathematical Research. *[2021]Led discussions on new research directions for group of about 20 researchers in fluid mechanics. *[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 rigourous proofs in advanced real analysis. *[2019] Teaching assistant for undergraduate courses in analysis and partial differential equations *[2017] Supervisor for second-year undergraduate students at the University of Warwick