

Man Kit Yip

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PERSONAL SUMMARY

I am passionate about the possibilities that big data and the analysis and application of data can bring to the world of finance. Keen to learn and develop solutions that can inform real-life decisions, I want to help organisations utilise the information available to them to improve decision-making processes and increase value.

As a career changer, I have a real can-do attitude and on-the-job experience working effectively in teams, supporting colleagues and stepping up to responsibility.



KEY SKILLS

- **Programming:** Skilled in Python, R, SQL – learned from MSc degree and MOOC
- **Data Science tools:** Experienced in NumPy, SciPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, MySQL, Jupyter Notebook, Google Colab, AWS, Protégé
- **Software developing tools:** Pycharm, Atom text-editor, Git & Github, Sourcetree
- **Team work & can-do attitude:** extensive experience working successfully in diverse teams, adapting to new settings and tasks and developing solutions to new problems



EDUCATION

MSc Data Science | Birkbeck College, University of London | 10/2017 – 09/2019

Modules: Fundamentals of Computing/ Computer Systems/ Principles of Programming 1/ Programming with Data/ Big Data Analytics using R/ Data Science Techniques and Applications/ Machine Learning/ Cloud Computing

MSc Project: Data Analytics and Visualisation of Housing Prices in the UK

Audit-only (non-credited): Data Knowledge Management/ Semantic Technologies/ Information Retrieval/ Information Systems/ Principles of Programming 2/ Software Design and Programming

CELTA (TESOL) | University College London, University of London | 10/2011

Teaching English to adult learners

PGCE (Post-Compulsory) QTLS | IOE, University College London, University of London | 10/2010 – 09/2011

Qualified Teacher/ Lecturer

BSc Biology (Honours) | Royal Holloway, University of London | 09/2005 – 08/2008

Undergraduate degree in Biology (Science)



OTHER TRAINING & QUALIFICATIONS

- **Kaggle** | <https://www.kaggle.com/mkydatascience> | ongoing
- **Leetcode** | <https://leetcode.com/mkydatascientist/> | ongoing
- **AWS training** | Cloud Practitioner Fundamentals – Big Data path | ongoing
- **Python for Financial Analysis & Algorithmic Trading** | Udemy (MOOC) | 2018



WORK EXPERIENCE

Tech Mentor | NASA SpaceApps Challenge TeensInAI Hackathon 2018 @ Acorn Aspirations/ Microsoft Reactor London | 10/2018

Responsibilities: Using my technical know-how, listening and coaching skills, I built up trust between the team members through constructive criticism and leadership.

Achievements: Successfully coached an aspiring team of young programmers to compete at an international level Hackathon event.

Teacher/Lecturer/Tutor | Various schools and colleges | 2011 – 2018

Responsibilities: Teaching and counselling a large number of classes with diverse backgrounds and achievement levels using strong interpersonal skills; dealing with often unexpected and difficult situations on a regular basis, thereby improving my ability to improvise and come up with creative solutions; managing my own and others' time to achieve and exceed targets.

Achievements: Successfully raised the attainment levels of underachieving classes to above expectations. My results-orientated approach in particular has ensured that the majority of a challenging intervention class met their university entrance offers.

Information Advice Manager | ICA | 01/12 – 06/2012

Responsibilities: Efficient data handling, database management, social media engagement, effective written and oral communication, advocacy and user support.

Achievements: Developed internal system to capture and apply data to support vulnerable elderly citizens in accessing public services.



INTERESTS

When not in front of a computer, I enjoy going to tech meet-ups at MS Reactor, IDEAL and CodeNode; learning about cryptocurrency; travelling; trying out new restaurants and becoming more knowledgeable about wine.