Albert Jiang(Qiaochu)

Personal Information

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Education

October 2016 - Present	Engineering(BA, MEng) in Magdalene College **University of Cambridge**, Cambridge First year grades: First class, top 1 percentile in year group
September 2015 - June 2016	Computer Science(Bachelor of Engineering) **The University of Hong Kong**, Hong Kong (left in June 2016) Gpa: 4.04/4.30, Science Core GPA: 4.16/4.30
September 2012 - June 2015	Sciences, **Tunxi No.1 High School**, Huangshan, China A Levels Equivalent: National Joint College Entrance Examination top 0.05% in province

Working and volunteering experiences

July-August 2017	Intern data scientist at Featurespace Limited. Worked in a team of data scientists to develop a real-time behaviour-based fraud detection system deployed on web forms. Led the design and development of the core machine learning infrastructure.
March 2017	Tutor at Fire Tech Camp. Taught game designs with Java to children.
September 2016	Volunteer in Algorithms Part I Translation Project: Translated the course Algorithms Part I on Coursera into Chinese.

Scholarships

August 2017	Magdalene College Prize for Engineering
August 2017	Magdalene College Scholarship
September 2015	Hong Kong Special Administrative Region Government Scholarship
September 2015	Hong Kong, China-Asia-Pacific Economic Cooperation Scholarship

External Courses

September 2017	Neural Networks and Deep Learning, by deeplearning.ai. Grade 100%
November 2016	The Data Scientist's Toolbox, by Johns Hopkins University. Grade: 100%
September 2016	Python Data Structures, by University of Michigan. Grade: 98.4%
September 2016	Use Python to Access Web Data, by University of Michigan. Grade: 100%
September 2016	Algorithms, Part I, by Princeton University. Grade 93.2%
August 2016	Machine Learning, by Stanford University. Grade: 96.9%

Projects

October 2017	Gluon Exercise: Predicting house prices on with Gluon. Top 8 percent. House Prices: Advanced Regression Techniques
September 2017	Mars Lander coursework: Simulated the landing of a rover on Mars and Designed an autopilot system to land the rover under safe conditions with knowledge of control theory.
February 2017	Flood warning system coursework: Designed and coded a real time flood-warning system to monitor and predict water levels at river stations in UK.
October 2016	Microrchestra: Designed, programmed and constructed a digital instrument with BBC Microbit in the 2016 ARM Hackathon at Cambridge.
October 2016	Lego Mindstorms: Led the design and making of an auto-clutch gearbox with real-time monitoring of wheel speed.
July 2016	Robotic Challenge: Designed and made an auto-combat robot in a team of four using machine-learning-guided strategy. Won second Runner-up in the robotic challenge held in Tianjin China.

Societies

Bridges for Enterprise	Data Analytics Director
Hackers at Cambridge	Member
Cambridge University Engineering Society	Member

Professional Skills

Python, Gluon, scikit-learn, NumPy, SciPy, Matplotlib, seaborn, Java, Git, Matlab, LaTeX

Languages

English:	Full professional proficiency
Mandarin:	Native or bilingual proficiency

Interests and Activities

Badminton, Starcraft