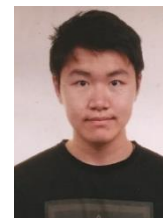


Renyi Qu

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Education

Keio University	Economics (PEARL program)	Bachelor	2018/09 – 2022/08
<ul style="list-style-type: none">GPA: 3.97/4.0 (top 1 in class) Subject ranking: QS top100Awards: Goldman Sachs Scholars Fund (2019) (10 people only), Keio University Scholarship (2019, 2020), Yamaoka Kenichi Memorial Scholarship (2020) (10 people only), JASSO Honors Scholarship (2018)			
Tampere University of Technology	Mathematics & IT	Bachelor	2017/08 – 2018/05
<ul style="list-style-type: none">GPA: 4.89/5.0 (top 1 in class)Awards: Academic Excellence Award (2017) (1 person only)			

Research Experiences

Nakatsuma Research Seminar	Prof. Teruo Nakatsuma	Dean of Graduate School of Economics of Keio	
<ul style="list-style-type: none">Methods: Bayesian LSTM, Bayesian meta learning, Bayesian SVM, Gaussian Process Regression, Dynamic Linear ModelPapers (independent):<ul style="list-style-type: none">An Investigation of Bayesian Methods in Post-Covid Stock Index Forecasting 2021/04 – 2021/07Graduation Thesis (tbd) 2021/09 – 2022/07			
Advanced Cognition Labs	Mr. Peter Romero	People Analytics Lead of University of Cambridge	
<ul style="list-style-type: none">Contributions: IBM Watson Natural Language Understanding, mathematical modeling, and programmingPapers (co-author for Mr. Peter Romero):<ul style="list-style-type: none">Hoarding behavior and emotional contagion analysis based on Twitter data 2021/03 – nowMass psychometric effects with Bayesian analyses of regime shifts in finite discrete distributions 2021/03 – now			
Research Assistance	Prof. Yoann Potiron	PhD Statistics from University of Chicago	
<ul style="list-style-type: none">Contributions: mathematical understanding and programmingPapers:<ul style="list-style-type: none">Characterization of arrival time densities by boundary-crossing time of Brownian motions (co-author) 2021/04 – nowApplication of ARIMA-GARCH in TOPIX forecasting (independent) 2020/11 – 2021/01			

Work Experiences

Fintech Intern	Safran Group [Fortune 500]	Suzhou, China	2020/12 – 2021/02
<ul style="list-style-type: none">I finished 14 RPA (Robotic Process Automation) projects on my own in the Financial Shared Service Center in 2 months with Python and UiPath, which saved 85 labor hours per month. Major contributions include automating repetitive corporate finance operations such as Excel/csv, Outlook, pdf processing, web operations, system operations, and database operations.			
Data Engineer Intern	FLUX Inc. [Forbes 30 Under 30 Asia]	Tokyo, Japan	2019/04 – 2019/11
<ul style="list-style-type: none">I helped develop the core BI (Business Intelligence) product of the company based on back-end advertisement data in a team with Python. I created a scraping tool that can scrape essential Google ads data from any website, automated data scraping & processing parts for 6 vendors, and assisted the implementation of automatic database interaction part with MongoDB.			
Machine Learning Intern	OptoFidelity Oy.	Tampere, Finland	2017/10 – 2018/05
<ul style="list-style-type: none">I helped develop an AI pricing tool for used phones with digital screen defects in a team with Python. Major contributions include segment annotation for image data collection, improvement of Python annotation tool code, assistance in the implementation of object detection algorithm. Before completion, the company terminated the project for financial reasons.			

Contests

2021 Econometric Game	Participation	Team of 4
2020 Nissan Automobile image classification contest	Top 2	Individual
2020 Otsuka Pharmaceutical time series forecasting contest	Top 3	Team of 5
2020 Bloomberg ESG investment contest	Participation	Team of 3
57th IMO (International Mathematical Olympiad)	4/6 correct answers	Individual

Skills

- Programming** (descending proficiency order): **Python, R**, IBM Watson, C++, Ruby, html/css, JavaScript, Matlab
- Language**: Chinese (native), English (TOEFL 113), Japanese (JLPT N3)