

Rosie Zou

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Education

University of Waterloo

Joint Honours degree
B.CS + B.Math in Stats
Graduation: April 2019

Skills

Programming Languages

Python, SQL, C, VBScript,
HTML, CSS, C#

Libraries & Frameworks

numpy, scikit-learn, pandas,
bootstrap, flask

Stock & Bond Trading

Thorough knowledge in
North American dark & lit
pool stock trading, general
order routing strategies and
settlement process for
equities and options

Foreign Languages

Fluent Mandarin
Advanced French
Intermediate Japanese
Beginner Spanish

Communication

Business writing, debating,
public speaking, investor
relations, marketing

Experience

Equity Trading Intern, TD Securities Apr - Dec 2016

Enhanced growth strategies and business development

- Analysed and visualised TD historic trades and order routing trends
- Researched various financial databases to compile market reports
- Regularly conducted research and data analysis used for marketing

Accelerated daily operations

- Migrated and improved legacy code for execution latency calculation
- Automated and enhanced numerous daily reports and trade records
- Allocated over thirty institutional clients' high-volume trades everyday
- Communicated regularly with clients to ensure timely trade clearing

Associate Business Analyst, Scotiabank Sep - Dec 2016

Assisted PM in compliance software migration project

- Performed daily QA and updated JIRA issue log for the team
- Tracked and examined project costs for resource misallocations
- Updated heat maps and configured access rights during UAT phase

Hackathon Projects

VisualTA, DubHacks Oct 2016

C#, Python | API: Microsoft Cognitive Services | Back-end
HoloLens app for teachers to view real-time classroom feedback

- Designed and implemented algos for facial data analysis
- Won Best Data Visualization hack. More details at bit.ly/2gx6JON

WalletStreet, MHacks Feb 2016

Python, JavaScript | API: Capital One, BlackRock | Back-end
Web App that caters investment advice based on user spendings

- Designed and implemented algos to predict spending patterns
- Won Capital One's API prize. More details at bit.ly/2fFUezD

Mortgage-Freeman, MLH Prime Aug 2016

Python, JavaScript | API: Capital One | Back-end
Web App for customized mortgage plan recommendations

- Designed and implemented algos to calculate rates and duration
- Runner-up for Capital One's API prize. More details at bit.ly/2gBJFy9