Brian Drilluk

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SUMMARY

Incoming MEng candidate, merit scholar at Cornell Tech *Operations Research Information Engineering* program for Fall 2020.

WORK EXPERIENCE

Voyager, New York, NY
Software Engineer   Mar 2019 – present
- Build mobile UI test framework for iOS product, reducing manual regression testing by 70%
- Integrate UI test framework into continuous integration platform, streamlining test and build process
- Implement integration tests for the Node.js backend server using the Jest testing framework

TradeIt, New York, NY
Lead Support Engineer/Software Engineer   Jun 2016 – Dec 2018
- Led successful integration project with core partner – Fidelity
- Implemented broker API into backend system, and deliver it as part of TradeIt's core API product
- Designed and implemented internal tool that automates operation process
- Developed TradeIt's first payment system
- Implemented customer support sites
- Monitored Unix production systems and triage issues then worked with the engineering team to plan and implement solutions
- Worked closely with business team to provide feedbacks for brokers on their APIs' robustness and issues

Dr. Klausen's Lab: The Western Jihadist Project, Waltham, MA
Faculty Network Analyst & Research Assistant   May 2015 – May 2016
- Conduct data extraction using PostgreSQL, and Java (Apache POI library)
- Performed data, network analysis and visualization using ORA, R, Stata and Excel

RELEVANT SKILLS

Soft Skills:
- Good listener, Team Player, Strong Work Ethic, Detail-oriented

Technologies:
- Java, R, Groovy, Node, Python, Jenkins, Docker, Linux, MacOS, Mysql, Redis, Pivotal Tracker, Jira, Zendesk, Final Cut Pro X

EDUCATION

Certification:
- Coursera *Machine Learning* by Stanford University
- *Linear Algebra*: Mathematics for Machine Learning by Imperial College London
- Udacity *Data Analyst* Nanodegree
- *R Programming* by Johns Hopkins University
- *The Data Scientist's* Toolbox by Johns Hopkins University
- Coursera *Calculus Single Variable* by University of Pennsylvania
- *Advanced Calculus with Financial Engineering Applications* at the Pre-MFE program at Baruch College (Jan. – Mar. 2020)
- *Probability Theory for Financial Application* at the Pre-MFE program at Baruch College (Jan. – Mar. 2020)

Programming Experience: Java, Python, SQL, Bash, Jenkins, Pandas, Numpy, Matplotlib, Seaborn

Languages: Fluent in English, Cantonese and Mandarin Chinese

Brandeis University, Waltham, MA
GPA 3.2
Bachelor of Arts in Computer Science and Political Science   May 2016