

Brian Luk

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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 Voyager's continuous integration platform, streamlining test And build process
- Implement integration tests for the Node.js backend server using the Jest testing framework

Tradelt, New York, NY

Software Engineer

Mar 2017 – Dec 2018

- Led successful integration project with core partner - Fidelity
- Implemented broker API into backend system, and deliver it as part of Tradelt's core API product
- Designed and implemented internal tool that automates operation process
- Developed Tradelt's first payment system
- Implemented client-side company support sites, and integrated with company's Developer Portal
- 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

Tradelt, New York, NY

Software Engineer Intern

Jun 2016 – Mar 2017

- Implemented solutions for production issues and bugs
- Implemented changes and built new content to the company website
- Contributed to writing the E2E tests
- QA new products before release

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
- Research is funded by the U.S. Department of Justice and Department of Defense

SWISS International Asset Management, Hong Kong

Service Consultant Intern

Jun – Aug 2014

- Assisted on compliance issues such as licensing and reporting
- Conducted several research projects on bond and equity markets
- Created and managed company's social media accounts

Hui's Brother Financial Group, Hong Kong

Risk Management Intern

Jun – Aug 2013

- Assisted on risk evaluation on clients' loan requests
- Reviewed the risk control manual

SKILLS

Certification:

- Coursera Machine Learning by Stanford University,
- Udacity Data Analyst Nanodegree,
- Coursera Calculus Single Variable by University of Pennsylvania (expected Dec. 2019),
- 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

EDUCATION

Brandeis University, Waltham, MA

Bachelor of Arts in Computer Science and Political Science

May 2016

GPA: 3.2