

# Brian Luk

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## WORK EXPERIENCE

### **Voyager**, New York, NY

#### *Software Engineer*

Jan 2019 – present

- Create and design mobile UI test framework for iOS product using Swift and Xcode, reducing Manually 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

- Implemented broker API into backend system, and deliver it as part of Tradelt's core API product
- Designed and implemented internal tool that automates proxy rotation management using the Digital Ocean API
- Developed Tradelt's first payment system for Tradelt using Stripe, and integrate with company's systems
- Implemented client-side company support sites, and integrated with company's Developer Portal And Zendesk's support system
- 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
- Helped review the risk control manual

## SKILLS

**Programming Experience:** Java, Python, SQL, Bash, Bootstrap Redis, Jenkins, Pandas, Numpy, matplotlib, seaborn

**Languages:** Fluent in English, Cantonese and Mandarin Chinese

**Certification:** Machine Learning by Stanford University, Udacity Data Analyst Nanodegree

## EDUCATION

### **Brandeis University**, Waltham, MA

*Bachelor of Arts in Computer Science and Political Science*

May 2016

GPA: 3.2