

Harry O'Sullivan
harryosullivan94@hotmail.com
Tokyo, Japan

OBJECTIVE

Data Analytics professional with past experience in applied analytics, application engineering, and automation scripting at a multinational fintech firm. Seeking to utilize my problem-solving and programming expertise to develop innovative solutions in the investments space.

EDUCATION

Tufts University, Boston, MA

B.S. in Computer Science, Minor in Philosophy, May 2016

GPA: 3.70/4.0

EXPERIENCE

BlackRock Inc., Tokyo, Japan

Data Analytics Engineer (Associate), Portfolio Analytics Group, August 2016 - Present (3 years)

- Engineered and deployed a web application used daily by equity portfolio managers which quantifies/visualizes the performance, accuracy, and biases of real-time stock recommendations put forward by all 200 equity research analysts globally
- Deployed dozens of scripts that provide on a daily basis essential portfolio and market analytics to portfolio managers for a highly sensitive Japanese client with over \$27 billion assets under management
- Maintained scripts which process and store essential vendor data necessary for downstream use in BlackRock Aladdin applications
- Authored numerous company-wide wiki pages with over 3000 total views outlining code examples, deployment tutorials, programming best-practices, and other technology expertise
- Conducted over 20 demo presentations of various BlackRock Aladdin software
- Managed a sub-team of 3 people within the Portfolio Analytics Group and cultivated strong working relationships with key investment teams in Tokyo, Sydney, Hong Kong, and Singapore

Key Projects at BlackRock

Analyst Recommendation Analytics Tool (July 2018-present): Full-stack development and deployment of a web application used daily by equity portfolio managers which quantifies/visualizes the quality of stock recommendations in order to enhance investment decisions and generate more alpha.

- ReactJS (D3, Highcharts), Python Flask RESTful API, Sybase ASE, MySQL, Git, CI/CD

Programmatic Support for Largest Japanese Mandate (April 2018-present): Scripts to automate bespoke portfolio analytics reporting and rebalancing processes for portfolio managers of a highly strategic Japanese client.

- UNIX, Python, Perl, Bash-shell, Jupyter Notebook, BlackRock Aladdin API, Bloomberg API

TECHNICAL SKILLS

Programming Languages: Python / Flask (expert), SQL (expert), C++ (proficient), Perl (proficient), R (proficient), ReactJS (proficient), HTML/CSS (proficient), Bash (proficient), Kotlin (proficient)

Environments: Linux/MacOS/Windows, Sybase ASE, Github, Jira, Kubernetes/Docker, Visual Studio Code, IntelliJ IDEA, Jupyter Notebook, BlackRock Aladdin, Bloomberg Terminal

Natural Languages: English and Japanese (both native)