

Patrick Yuen

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Technical Skills:

Programming Languages	: Java, Python
Web Application Technologies	: AngularJS, Django, HTML5/CSS3, Javascript, Spring Web Applications
Database Development	: MySQL, Oracle DB
Data Analysis	: Hadoop, Apache Spark, MATLAB, R
Other Tools	: Windows, UNIX/Linux, MS Office, Git, SVN

EDUCATION: **New York University: Masters in Computer Science - June 2017*** **New York, NY**

New York University: Computer Science Major - June 2016 **New York, NY**
Economics/Mathematics minor
GPA: 3.78

COURSES: Real-time Big Data Analytics, Artificial Intelligence, Intro to Machine Learning, Large Scale Web Applications, Algorithmic Problem Solving, Basic Algorithms, Programming Languages, Operating Systems, Computer Systems Organization, Data Structures, Linear Algebra, Discrete Math, Money and Banking, Intermediate Microeconomics, Intermediate Macroeconomics, Multivariable Calculus, Statistics

EXPERIENCE Internship/Work Experience

June'16 – August'16 Company: JP Morgan Chase & Co.

Role: Summer Technology Analyst **Jersey City, NJ**

- o Developed a new full-stack Feature application to provide User Administrators CRUD operations over Fund data options
- o Tested new web applications through the UAT and QA development cycles with Cucumber and Selenium Tests
- o Migrated and monitored multiple auto deploy and build jobs between Jenkins servers for continuous integration

June'15 – Fed'16 Company: Mizuho Capital Markets LLC

Role: Systems Development Intern **New York, NY**

- o Built a Compliance-requested Trade Surveillance Rule Engine to automate the monitoring of faulty trades
- o Developed an EFX reconciliation emailer and web app in Perl/ Perl CGI to aid in UAT testing/PROD of a new EFX Trading Platform
- o Created an FPML/XML Large Trade Reporting Tool with Java/JAXB as per CFTC regulations

June'14 – Aug'14 Company: Pershing LLC

Role: Client Technology Services Intern **Jersey City, NJ**

- o Upgraded and debugged the Pershing Strategic Proposal System Application's Dojo from 1.7.3 to 1.9.1.2 to help resolve 78 open issues on the iPad
- o Aided development of new automated build process to shorten load times from 22 sec to 0.5 sec

Sept'13 – May'14 Company: NYU Stern IT

Role: Junior Web Developer **New York, NY**

- o Managed, debugged and updated NYU Stern's websites and services
- o Applied the Model View Controller system to develop NYU Stern's applications

Awards:

Best Technical Design JP Morgan Code for Good, Accelerated Master's Bachelor's Program, NYU Presidential Honors Scholar, NYU CAS Work Study, 2012 LSC Partners in Science Participant, National Merit Scholarship Commended Student, National AP Scholar, 2010 National Student Leadership Conference Participant for Business

Status US Citizen

