Python Developer Python Developer Python Developer - Vantage Point Consulting onsite at Bloomberg New York, NY Authorized to work in the US for any employer Work Experience Python Developer Vantage Point Consulting onsite at Bloomberg - Princeton, NJ May 2016 to Present Long-term Project: Designed a generic solution using python that can extract all table contents and free text areas from a pdf document. This module is configurable, extendable and reusable. Currently cooperating with other groups to have implementations for their specific purposes and extending the domain of the use cases.　　Provided high-efficiency front-end pdf highlighting solutions using Amazon S3 web service crowd-sourcing technology.　　Keynote Project: QA/QC (Quality Assurance/Quality Control) Tool with Web-UI. Designed a web tool using Django with Jquery/Bootstrap for analyst to check the data input results. Helping them correct their manual processes.　　Keynote project: PDF Extraction Tool. Used Python to build a tool that can help automatically extract useful fields' values from Ginnie Mae monthly reports, auto-storing those values into the company's database. Compared with the existing values, popping out a highlighted pdf page if values are different. School Intern MQF Program, Rutgers Business School - Newark, NJ August 2015 to May 2016 With very strong programming skills and academic standings, was selected as MQF program teaching assistant for OOP in C++. Answered questions and helped the students solve any problems related to learning C++. Team Leader, Data Mining Course Project, RBS Text Mining - Newark, NJ October 2015 to December 2015 Implemented data mining classification methods using Python to predict MSFT's stock price change with the information collected from tweets.　　Gathered up-to-date tweets data using Python package tweepy. Classified the tweets data with mining technique Naive Bayes Classifier based on Python package nltk.　　Predicted MSFT's price change using 5 minutes' up-to-date tweets data related to Microsoft. Research Assistant, Independent Research, RBS Pricing Contingent Convertible Bonds - Newark, NJ November 2014 to October 2015 Wrote a Java program to implement the Equity Derivative Approach(EDA) pricing model, analyzed the CoCos of Credit Suisse, used MatLab to draw result charts and wrote a report using LaTex. Team Member, IAQF Academic Competition, RBS Tracking CPLI - Newark, NJ December 2014 to February 2015 Worked with 5 MQF program students to

participate in the IAQF annual academic competition. Wrote a C++ program based on artificial neural network theory to find out the relationship between CPLI and certain inputs. Designer, C++ Course Project, RBS Pricing Contingent Convertible Bonds - Newark, NJ November 2014 to December 2014 Wrote a C++ program (with GUI) using Qt to create a trading platform that provides stock prices prediction, trading strategy implementation and performance calculation. CERTIFICATES AND SKILLS CFA level II Candidate Python, SQL, C/C++, Qt, MatLab, R, LaTex, Java SE/EE, HTML, CSS Internship IT Division, Jiangsu Agriculture Committee - Nanjing, CN May 2013 to March 2014 Project Online Agricultural Data Report System Nanjing, China Led a team that designed an automated web system to collect and analyze the important agricultural commodities data for the government's decision-making. Used J2EE SSH(Spring-Struts-Hibernate) as key framework. Professional in MVC design pattern architect. RESEARCH PROJECTS Education Master of Quantitative Finance in Beta-gamma-sigma Invitee honor Rutgers Business School - Newark, NJ September 2014 to June 2016 Bachelor of Engineering in Computer Software Engineering Nanjing University September 2010 to June 2014

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