In-Young Jo

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EDUCATION

Duke University *Durham, NC | May 2016*
BSE Electrical and Computer Engineering; BS Economics (Finance Conc.); Minor Computer Science

- Relevant Coursework: Data Structures and Algorithms, Software Design and Implementation, Computer Architecture
- GPA: 3.2/4.0, SAT: Math 780, Writing 800, Verbal 730
- Dean's List: Fall 2013, Bloomberg Aptitude Test: 97th Pctl., National Merit Finalist, AP Scholar w/Distinction

SKILLS

Coding: Proficient – Java, C/C++, MATLAB, HTML/CSS/XSLT Familiar – Javascript, Assembly, Python
Technologies: Git, Bootstrap, Agile, Eclipse, Linux

WORK EXPERIENCE

Cambridge Associates *Arlington, VA | June 2015 – August 2015*
Investment Associate Intern

- Collaborated with associates, directors, and consultants to provide advisory services such as risk/return analyses, rebalancing recommendations, manager searches, market updates, and comparative asset allocation models
- Streamlined processes for estimating portfolio performance and creating monthly asset class valuation exhibits and created fee analysis of over 1000 clients using automation techniques in Excel such as VBA

Quicken Loans Capital Markets *Detroit, MI | May 2014 – August 2014*
Financial Modeling IT Intern

- Awarded the "Quicken Loans Engineered to Amaze Award" for building an application in Java that increased the efficiency of compiling transaction data for approximately 800 loans to improve the loan-servicing process
- Led a team of 3 to reface and add new functionality to an in-house policy search engine powered by a Google Search Appliance using frontend languages such as XSLT, HTML, CSS, and JavaScript
- Created framework for valuing mortgage backed securities for the hedge desk of the firm using Excel and VBA

Duke University Computer Science Department *Durham, NC | January 2014 – January 2015*
Teaching Assistant

- Tutored students in weekly office hours for the course Compsci 201: Data Structures and Algorithms
- Taught students how to analyze and design data structures for solving computational problems in Java
- Assisted the professor through grading coursework for over 200 students and completing clerical work

Smith-Breeden Associates *Durham, NC | May 2012*
Financial Model Software Development Intern

- Wrote a computer program that could extrapolate the Federal Funds Rate using a variant of the Taylor Rule
- Built a Java application, which contained a user interface that took input from users as values for constant variables to modify regressions

PROJECTS

TCP Transport Protocol *Durham, NC | April 2015*

- Implemented a reliable transport protocol in C using the Sliding Window Protocol along with TCP-style congestion control and retransmission algorithms

OOGASalad *Durham, NC | April 2014*

- Contributed to a 12-person Java project to develop an interface for creating and playing Tower Defense games
- Functioned on the Data sub-team and used JSON to transfer, store, and retrieve data within the application

Slogo *Durham, NC | March 2014*

- Designed an IDE in Java on a team of 4 for users to interact with an onscreen turtle through simpler versions of Logo programs and/or a per expression basis.

ACTIVITIES

Extracurricular Activities: Duke HDRL – *Resident Assistant*, Delta Tau Delta – *Merchandise Chair*, Delta Sigma Pi Business Fraternity – *Finance Chair*, Duke Investment Club – *ITP Certified Member*, Duke Men's Crew – *Safety Officer*
Other Interests: Crossfit, Taekwondo, Running, Rowing