

James Kaczmarczyk

OBJECTIVE Seeking a position at the crossroads of computer science, mathematics, and finance.

EDUCATION

In Progress

M.A. in Computer Science | Expected Graduation: Dec 2018

Queens College, Flushing, NY

GPA 4.0/4.0

Jan 2016

B.S. in Applied Mathematics | Concentration: Finance

Farmingdale State College, Farmingdale, NY

GPA 3.96/4.0 | Award for highest GPA in major | President's List

RELATED COURSEWORK

Algorithms, Artificial Intelligence, Computability and Complexity, Database Systems, Distributed Systems, Real Analysis, Probability and Statistics, Multivariable Calculus, Linear Algebra, Differential Equations, Mathematics of Finance, Financial Engineering

TECHNICAL SKILLS

Languages: Java, C++, Python, SQL

Version Control: Git

INTERNSHIP

Jun 2013 – May 2014

Statistics Intern | Town of North Hempstead, Hempstead, NY

- Performed data analysis in Statistics Department of the Town of North Hempstead using Microsoft Excel.

PERSONAL PROJECTS

Python application that analyzes the tone of the last 1000 tweets containing a user-specified stock ticker symbol. The program uses the Twitter API to retrieve the tweets, the IBM Watson Tone Analyzer API to analyze the tone, and the python library matplotlib to graph results.

AWARDS/ACCOMPLISHMENTS

- First Place, Farmingdale Mathematics Problem Solving Competition
- Competed in the National Collegiate Mathematics Competition held at Mathfest 2015 in Washington D.C.

ACTUARIAL EXAMS

P/1 Probability — Passed May 2015

FM/2 Financial Mathematics — Passed Aug 2016