Joe Zhou

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Education

Boston University Questrom School of Business, Boston, MA   May 2017
Bachelor of Science in Business Administration and Management; Concentration in Finance
Cumulative GPA: **3.31**

Boston University College of Arts and Sciences, Boston, MA   May 2017
Bachelor of Arts in Computer Science
Cumulative GPA: **3.22**

Applications

- **Traffic Density Light Controller:** Java application that uses density measurements with priority queues, multi-threading, and semaphores to reduce traffic wait times across cities in India

Academic Projects (Available on GitHub)

- **Word Manipulator:** Python program that uses sequence alignment through dynamic programming to determine the fastest method of changing one string to another
- **Reliable Transport Protocol:** C transport protocol that reliably communicates messages between the Application and Network Layers using timeouts, checksums, and duplicate ACKs

Work Experience

Pactera Technology International Ltd; Beijing, China   June 2016 – Sept 2016
Data Science Intern

- Implemented Hadoop and Spark multi-clusters across machines to improve data storage capabilities and enhance data processing speeds
- Generated linear regression models for large datasets through pyspark to analyze and predict features such as future housing prices across Beijing

Boston University Questrom School of Business IT Office; Boston, MA   June 2015 – July 2015
Web Developer Intern

- Devised and employed websites for customers using HTML5, CSS3, JavaScript and WordPress tools that permit user friendly interaction and modification
- Assisted in lecturing and instructing over 20 graduate exchange students on the fundamentals of HTML5 and WordPress

Boston University Fitness and Recreation Center; Boston, MA   July 2013 – May 2016
Lifeguard

- Oversaw up to 40 patrons, measured pool chemicals, administered first aid, and reported faulty equipment to ensure the safety of patrons
- Attended to boating test requests, class make-up forms, and other patron demands to improve customer satisfaction

Leadership

Boston University Outing Club; Boston, MA   April 2014 – Present
Trip Leader

- Manage outings, budget up to $400 for trips, communicate with members and organizers to successfully organize eight separate day and overnight out of state events
- Direct activities, delegate tasks to co-leaders, and supervise upwards of 45 trip participants to ensure a safe and enjoyable experience

Skills

- *Computer:* Java, Python, C, Asm, HTML5, CSS3, JavaScript, Hadoop/Spark, Microsoft Office, MySQL/Flask
- *Languages*: Fluent in English, relative fluency in Chinese, AP level Spanish