

Joe Zhou

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Education

Boston University College of Arts and Sciences, Boston, MA

May 2017

Bachelor of Arts in Computer Science

Cumulative GPA: 3.513

Relevant Coursework: Computer Networks, Algorithms, Operating Systems

Boston University Questrom School of Business, Boston, MA

May 2017

Bachelor of Science in Business Administration and Management

Cumulative GPA: 3.31

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
- **Syntax Tree Evaluator:** Python abstract syntax tree evaluator that uses substitutions, unifications, and evaluations to determine various syntax tree functions
- **Reliable Transport Protocol:** C transport protocol that reliably communicates messages between the Application and Network Layers using timeouts, checksums, and duplicate ACKs

Leadership

Boston University Outing Club; Boston, MA

April 2014 - Present

Trip Leader

- Manage outings, budget up to \$200 for trips, communicate with members and organizers to successfully organize six day and overnight in and 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

Work Experience

Boston University Questrom School of Business IT Office; Boston, MA

June 2015 – July 2015

Web Developer Intern

- Devise and implement websites for customers using HTML5, CSS3, JavaScript and WordPress tools that permit easy interaction and modification

Boston University Fitness and Recreation Center; Boston, MA

July 2013 – Present

Lifeguard

- Oversee up to 40 patrons, measure pool chemicals, administer first aid, and report faulty equipment to guarantee the well-being of patrons
- Attend to boating test requests, class make-up forms, and other patron demands to enhance customer satisfaction

Skills

- *Computer:* Java, Python, C, Assembly, HTML5, CSS3, JavaScript, TCP/IP, Microsoft Office
- *Languages:* Fluent in English, relative fluency in Chinese, AP level Spanish