**EDUCATION**

## Rice University Houston, TX

*Bachelor of Science in Computer Science*  Class of 2019

*Bachelor of Arts in Managerial Studies*

*Minor in Business*

**GPA**: 3.3; **SAT**: 2320, **Math**: 800, **Reading**:750, **Writing**: 770; **ACT**: 36, **Math**: 36, **Reading**: 36, **Science**: 36, **English/Writing**: 35

**Honors:** UChicago Midwest Trading Competition $500 Winner, Accenture Houston Innovation Challenge Winner, Microsoft Imagine Cup Semifinalist, President’s Volunteer Service Award – Gold, Intel Science Talent Search Semifinalist

**Relevant Coursework:** Strategic Business Management, Marketing, Financial Markets, Honors Linear Algebra, Multivariable Calculus, Statistical Analysis, Advanced Financial and Managerial Accounting, Organizational Behavior

## Rice Certificate in Engineering Leadership Houston, TX

**Relevant Coursework:** Leading Teams and Innovation, Leadership Action Learning May 2019

**WORK EXPERIENCE**

**Federal Reserve Board of Governors** **Washington, DC**

*Business Analyst Intern* May 2017 – August 2017

• Researched, analyzed, and reviewed business processes, data, and information flows through the Board System for 140

macroeconomic indicator data releases (GDP, CPI, etc.)

• Supported business process and data management re-architecture as needed to meet Board goals

• Analyzed metric and helped quantify business risk and value associated with data governance and effort quality

**Guggenheim Partners, LLC**  **Washington, DC**

*Software Engineering Intern* May 2016 – August 2016

• Maintained/updated portfolio and holdings database of 20,000+ portfolios and hundreds of thousands of holdings

• Developed a service bus architecture to transfer data between financial offices and market sources (Blackrock, Morningstar, etc.)

• Wrote Python and SQL scripts to load-balance the command manager that operated the ETL pipeline

**Microsoft** **Houston, TX**

*Microsoft Student Partner*  September 2016 – Present

• Represented and promoted Microsoft on campus, coordinating with Technical Evangelists and recruiters to run software/hardware

workshops for over 100 students in technologies such as MS Azure, Xamarin, and MVC web development

• Competed in and mentored other teams in the Microsoft Imagine Cup programming competition, placed as a semifinalist

• Doubled the usage of Microsoft tools and utilities on campus by coordinating with student government and social media promotion

**Department of Defense, National Intrepid Center of Excellence** **Bethesda, MD**

*Student Researcher*  June 2014 – May 2015

• Programmed a machine learning clustering algorithm (K-Means) to classify mTBI patient data into distinct subcategories

• Analyzed statistical descriptives of the resulting subclusters to determine accuracy of the clusters and describe the patients in each

cluster. Presented the results in front of government leadership and at the Intel Science Fair and Symposium.

• Received $1000 as well as the Intel Science Talent Search Semifinalist award and was a finalist at the Virginia State Science Fair

**JPMorgan Chase & Co., Bain & Co. Houston, TX**

*Externship* Spring 2017

**LEADERSHIP EXPERIENCE**

**Rice eSports Club**  **Houston, TX**

*President*  May 2016 - Present

• Increased club membership from ~100 members to over 300 students in the span of a year through various outreach and events

• Partnered with local startup GamerWall to develop services that would benefit our club and help GamerWall get acquired

• Reached a sponsorship agreement with Monster Energy Drink to promote their beverages at our events and receive funding and

donations for member engagement and fundraising. Raised $1000 in partnership with Monster for Houston Children’s Charity.

**SKILLS, ACTIVITIES & INTERESTS**

**Languages:** Romanian (Native), French (Advanced)

**Technical Skills:** Microsoft Office, Python, R, Java, C/C++, Perl, SQL, FAME, SPSS, Azure, HTML, Trading Technologies Platform

**Activities**: TEDxRiceU, Sumners Leadership Conference, Lead Computing Consultant, Rice Business Society, Rice eSports Club

**Interests**: eSports, Building Computers, Soccer, Magic: the Gathering