

Eduard Danalache

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EDUCATION

Rice University

Bachelor of Science in Computer Science

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

Houston, TX

Class of 2019

Rice Certificate in Engineering Leadership

Relevant Coursework: Leading Teams and Innovation, Leadership Action Learning

Houston, TX

May 2019

WORK EXPERIENCE

Federal Reserve Board of Governors

Business Analyst Intern

Washington, DC

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

Software Engineering Intern

Washington, DC

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

Microsoft Student Partner

Houston, TX

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

Student Researcher

Bethesda, MD

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.

Externship

Houston, TX

Spring 2017

LEADERSHIP EXPERIENCE

Rice eSports Club

President

Houston, TX

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: Sumners Student Leadership Conference, Lead Student Computing Consultant, Rice Business Society, Rice eSports Club

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