

# Eduard Danalache

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## EDUCATION

### Rice University

Houston, TX

*B.S. Computer Science; B.A. Managerial Studies; Business Minor*  
*Rice Certificate in Engineering Leadership (RCEL)*

May 2019

**GPA:** 3.3; **SAT:** 2320; **ACT:** 36

**Honors:** **2017:** UChicago Midwest Trading Competition \$500 Winner, Accenture Houston Innovation Challenge Winner, Microsoft Imagine Cup; **2016:** Microsoft Coding Challenge; **2015:** President's Volunteer Service Award – Gold, Intel Science Talent Search

**Relevant Coursework:** Strategic Business Management, Marketing, Honors Linear Algebra, Statistical Analysis, Advanced Accounting, Organizational Behavior, Leading Teams and Innovation

## PROFESSIONAL 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.)
- Led and collaborated with a team of 10 professionals to redefine and customize a legacy data pipeline and create a more robust system utilizing 4 distinct programming languages (C++, Perl, SQL, FAME 4GL)
- Analyzed metrics and quantified business risk and value associated with data governance and data quality efforts

### Guggenheim Partners, LLC

Washington, DC

*Software Engineering Intern*

May 2016 – August 2016

- Maintained a portfolio and holdings database of 20,000+ portfolios and 100,000+ holdings to ensure data quality and compliance
- Worked with a team of 5 experts to develop a service bus architecture to transfer data between financial offices and market sources
- Built a deck showing the complexity of my team's portfolio mapping project and pitched to senior management

## ADDITIONAL EXPERIENCE

### 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

## EXTRACURRICULARS

### 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 a go-to-market strategy and prepare for acquisition
- 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

### Bain & Co.

Houston, TX

*Externship*

Spring 2017

- Shadowed a Consultant, ran through an old case Bain had worked on, and discussed the consulting industry with a Manager

## SKILLS, OTHER 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 Financial Director, Sumners Leadership Conference, Lead Student Computing Consultant, Lead Office of Information Technology College Ambassador, Rice Business Society, Rice Trading Club