

Eduard Danalache

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EDUCATION

Rice University

B.A. Computer Science; B.A. Managerial Studies; Business Minor

Rice Certificate in Engineering Leadership (RCEL)

Honors: Google Games - 1st, Microsoft Coding Challenge - 1st, Deloitte Case Competition - 1st, Accenture Innovation Challenge - 1st, Intel Science Talent Search - Semifinalist, President's Volunteer Service Award - Gold, UChicago Trading Competition - \$500

Relevant Coursework: Operating Systems/Concurrent Programming, Principles of Programming Languages, Database Systems

Houston, TX

December 2018

GPA: 3.40

Thomas Jefferson High School for Science and Technology

GPA: 4.30; **SAT:** 2320; **ACT:** 36

Alexandria, VA

Class of 2015

PROFESSIONAL EXPERIENCE

Facebook

Software Engineering Intern (Full-Stack)

Menlo Park, CA

May 2018 – August 2018

- Redesigned a 3rd-party measurement data-pipeline and status-monitoring dashboard, collaborating with a team of 13 Facebook engineers and business partners to integrate their products into my measurement solution, measuring over 13 billion daily impressions
- Streamlined status checking and realized a 10% increase in cross-team efficiency (my Facebook team and our business partners)
- Researched Facebook's ads delivery strategy and how the Ads org works internally with millions of businesses and advertisers

Federal Reserve Board of Governors

Business Analyst Intern

Washington, DC

May 2017 – August 2017

- Researched and analyzed business processes and data flows through the Board System for 140 macroeconomic indicators (i.e. GDP)
- Analyzed metrics and quantified business risk and value associated with data governance and data quality efforts
- Designed a robust data pipeline that automated a process normally requiring manual input from 4 full-time analysts

Guggenheim Partners, LLC

Software Engineering Intern

Washington, DC

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

Microsoft

Microsoft Student Partner

Houston, TX

September 2016 – Present

- Represented and promoted Microsoft on campus, coordinating with Technical Evangelists and recruiters to run 10 yearly software/hardware workshops for 100s of students in technologies such as MS Azure, Xamarin, and MVC web development
- 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 (awarded \$1000)

EXTRACURRICULARS

Rice Consulting

Team Lead

Houston, TX

January 2018 – Present

- Supervised the successful completion and delivery of consulting engagements across industries (real estate, brewing, etc.)
- Maintained regular correspondence with client stakeholders and team members, ensuring clear communication between all parties
- Resolved any research roadblocks or interpersonal conflicts between teammates that arose over the course of the engagement

Rice eSports Club

President

Houston, TX

May 2016 – August 2018

- Increased active club members from 100 by 4x to over 400 active students, holding our largest event ever with 200+ students at once
- Partnered with local startup GamerWall to develop a go-to-market strategy and business case leading to their acquisition in 2017
- 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), Spanish (Intermediate), Chinese (Beginner)

Technical Skills: PHP, Python, C/C++, React JS, Java, SQL, R, Perl, Thrift, FAME, SPSS, Azure, Trading Technologies Platform

Activities: 3-Day Startup, TEDxRiceU Financial Director, Sumners Leadership Conference, Lead Student Computing Consultant,

Lead Office of Information Technology College Ambassador, Rice Business Society, Rice Trading Club, Bike Team, CSters

Interests: Biking, Cooking, Video Games, Hiking, Politics, Finance, Baking, Travelling, Magic: the Gathering, Poker