

David Vilensky

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OBJECTIVE

Leverage mathematical and programming abilities to help businesses gain actionable insights.

EDUCATION

Cornell University

Fall 2020 – Present

Intended Major: *Bachelor of Science, Information Science*

- **Cumulative GPA:** 3.88 | Dean's List

George W. Hewlett High School

Fall 2016 – Spring 2020

- **Cumulative GPA:** 4.0/4.0 | ACT: 36/36
- **Honors/Awards:** National Merit Finalist | Alumni Scholarship for Excellence | National AP Scholar (2x) | AP Scholar with Distinction (2x) | National Honor Society | Rochester Institute of Technology Computing Medal

CO-CURRICULAR ACTIVITIES & WORK EXPERIENCE

Albert Einstein College of Medicine

Bronx, NY

Research Assistant

Spring 2019- Spring 2020

- Utilized advanced differential calculus techniques to formulate a system of differential equations representing the amount of nascent RNA at various stages of the transcription process both by hand and via a computer program.
- Worked alongside a team of PHDs aiming to establish a clear link between the dysregulation of alternative splicing during RNA transcription and genetic diseases including cancer and autism.

World by Shotglass

New York City, NY

Founding Partner/Data Analyst

Fall 2016-Present

- Headed social media outreach program for online souvenir company across multiple social media platforms.
- Analyzed sales and optimization data for over 2,000 items to maximize revenue-to-expense ratio.
- Addressed customer inquiries to ensure high seller ratings in online commerce engines

CAMPUS AND LEADERSHIP EXPERIENCE

Cornell University Sustainability and Design (CUSD)

Ithaca, NY

Technical Operations Team (Tech Ops)

Fall 2020- Present

- In charge of managing CUSD's digital resources to successfully communicate our goals and values.
- Oversaw the design of CUSDHub, a networking site intended to connect past and present members of CUSD.

National Museum of Mathematics (MoMath)

New York City, NY

Intern

Summer 2019

- Interpreted and explained the mathematical significance of exhibits at various levels of sophistication, ranging from toddlers to elderly. As the only Russian-speaking staff member, I was often called upon to translate for visitors.
- Provided assistance for the MoMath summer program with various events including a math-themed treasure hunt.

ADDITIONAL INFORMATION

Languages: Fluent in Russian || Conversational Proficiency in Spanish

Skills: Java, Python, Pandas, Microsoft Excel, Academic Research, Community Outreach

Interests: Conservation and Sustainability, Computer Science, Politics, Mathematics, Soccer, Gardening

Math Competitions: 3x Long Island Math Fair Medalist || District's Top Scorer on AMC 8, 10, 12 exams || Competed in NYSML and ARML as part of the N.C.I.M.L. All-Star Team || 3rd Highest Score in NYS on Math Kangaroo Competition