

SYDNEY MURPHY

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EDUCATION

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| CARNEGIE MELLON UNIVERSITY – TEPPER SCHOOL OF BUSINESS | Pittsburgh, PA |
| Master of Science in Business Analytics - MSBA | 5/25 |
| GPA: 3.8/4.0 | |
| <ul style="list-style-type: none">Coursework: Machine Learning, Python and R, Probability Statistics, Analytical Statistics, Business, AccountingQuantitative Financial Analytics and Options Investing: Develop machine learning models to predict market trends and volatility; evaluate quantitative investment strategies for all market conditions; apply theoretical knowledge to practical scenarios including use of timeseries analysis to inform investment decisions. Investigate portfolios and strategies to understand the key drivers of performance and improve upon portfolio construction. | |
| COLUMBIA UNIVERSITY | New York, NY |
| Master of Science in Journalism, Data Specialty | 5/22 |
| GPA: 4.0/4.0 | |
| <ul style="list-style-type: none">Focus on computational and investigative journalism and data analytics; covered healthcare, science, and techWeb Developer for Columbia's Chapter of The Society of Professional Journalists | |
| WHEATON COLLEGE | Norton, MA |
| Bachelor of Science in Neuroscience, German Studies | 5/21 |
| GPA: 3.7/4.0 | |
| <ul style="list-style-type: none">Membership: Investment Club; Model UN Head Delegate/Finance VP; Admission Guide; Editor-in-Chief, The WireMedical Internships: Atlantis Medical Fellow in Belgrade Hospital; Lab Technician in microscopy; EMT CertifiedHonors: German Club President, Awarded the Hedda Korsch Prize in German Studies for Academic excellenceStudy Abroad: Universität Regensburg Germany (3/20 – 8/20); AFS Exchange program, Belgium (8/16 – 7/17) | |

EXPERIENCE

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| MURPHY VENTURES | Remote, AZ |
| Investment Analyst | 6/23 – Present |
| <ul style="list-style-type: none">Real Estate Investment Management: Actively engaged in the strategic oversight of Murphy Ventures, a prominent Arizona-based family office with a focus on real estate investmentsEquity Research: Analyze ESG investment opportunities, navigate S&P Capital IQ and Bloomberg TerminalDrive improvement in stress testing and utilize Value at Risk and limit frameworks toward concentration and liquidityLicense: Obtained Arizona real estate license, 2023 | |
| HEALTHDAY | New York, NY |
| Product Manager, Healthcare-Based Publication Company | 7/22 – 8/23 |
| <ul style="list-style-type: none">Customer-Focused Design: Directed high-profile website redesign, overhauling UX design elements and implementing advanced web technologies HTML and CSS design to raise site's UX score by 40%Data-driven SEO and Web Analytics: Pioneered product launch SEO strategy, qualitative market research: user behavior analysis, A/B testing, quantitative research for market reports using Semrush and Google AnalyticsProduct Management: Managed development and deployment of science research-based products for PBS, Janssen Care Path, Elsevier. Employed data visualization to translate science research into accessible formatsAward: Received Digital Health Media Award for excellent reporting on healthcare data | |
| UNITED NATIONS | New York, NY |
| Intern, Department of Global Communication | 3/21 – 9/22 |
| <ul style="list-style-type: none">Data Analysis: Conducted data analysis on ethnographic studies triangulated across African regions in the mobile app space. Analysis contributed to understanding and improving cross-cultural data communicationTechnical Reporting: Utilized SQL to query and extract relevant data for comprehensive report on Africa Amnesty Month detailing interpretation of weapons collection data, instrumental report in informing policy decisionsRecognition: Received Certificate of Appreciation for honorable completion of the United Nations Internship | |
| TALENTNOOK EDU. | Remote, MA |
| Intern, UX Design | 8/20 – 5/21 |
| <ul style="list-style-type: none">Website/Product Design: Researched and published comprehensive report on parent engagement and its impact on childhood education, headed MVP and CSS design research and product design using SQLCommunication: Presented data retrieval results of projects to internal and external client senior management | |
| BLENDtw MEDIA | New York, NY |
| Managing Editor | 3/19 – 3/21 |
| <ul style="list-style-type: none">Customer-Focused: Led SEO strategy leveraging analytical tools, Python and SQL, keyword analysis, growing the company from daily web traffic of 1K to 100K within 2 yearsLeadership: Managed editorial team of 100+ collaborating with and training web designers and content creatorsCommunication: Built content performance dashboards in Tableau PowerBI to present to external stakeholders | |

ADDITIONAL INFORMATION

- Languages:** Fluent in English; Written proficiency in German, Dutch, Spanish
- Technical Skills:** Python, R, VBA, SQL, SPSS, Tableau, PowerBI, Adobe, J-Flow, QGIS, Sigma, PyTorch
- Volunteerism:** MIT Club of Boston Strategic Planning Committee; Wheaton College Alumni Committee President