

Oscar Daum

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EDUCATION

University of Virginia, McIntire School of Commerce, Charlottesville, VA **Expected May 2023**

B.A. Computer Science & B.S. Commerce (Concentration in Finance)

- GPA: 3.9, Rodman Scholarship Awardee

Unionville High School, Kennett Square, Pennsylvania **June 2019**

- GPA: 4.5, Summa Cum Laude, SAT: 1550

RELEVANT EXPERIENCES

Dean and Company, Summer Consulting Analyst **Summer 2022**

- Forecasted US 5G macro tower demand through 2025 by analyzing 10 years of FAA site data using Excel and Python
- Created a model through Excel for US funds related to macro towers from 8 US government funding initiatives
- Performed extensive research to size US FCC spectrum allocations and map key players' spectrum holdings
- Formulated ideas into PowerPoint slides to communicate key insights to client

Chemours, Data Engineer Intern **Summer 2021**

- Developed SQL data pipelines using the full range of capabilities in Microsoft Azure cloud platform
- Improved computer vision algorithm to classify site defects and automate quality assurance

Virginia Case Club, Senior Advisor **Fall 2020-Present**

- Held workshop series on PowerPoint presentations, excel basics, and case interview preparation to over 40 students
- Led development of first UVA inter-collegiate case competition hosted to 48 students across schools in Virginia

Virginia Imaging Theory Laboratory, Computational Neuroscience Research Assistant **Fall 2019-Present**

- Designed a Python software framework for evaluating and reconstructing microscope images of brain cells
- Created software that performs image enhancements on 3D microglia images
- Created DTI brain scans using a GAN (generative adversarial neural network) algorithm

HooHacks, Hackathon External Relations Team Executive **Fall 2019-Present**

- Raised over \$100,000 for hackathon events hosted to over 5,000 hackers across three years
- Created Ideathon at UVA, bridging business students and computer science students to create a startup product
- Hosted tech workshops, judged projects, and organized events for hackathons

You.com, Marketing Intern **Spring 2022-Present**

- Led engagement initiatives on tech media outlets reaching upwards of 100,000 impressions for search engine You.com
- Performed empathy interviews that improved user experience design

COMM 3010: Systems and Strategy, Teaching Assistant **Spring 2022-Present**

- Graded papers, hosted office hours, and created instructional documents to over 100 UVA commerce students
- Helped lead VR demos for CMIT's 2022 Knowledge Continuum – a series for business leaders on cutting-edge IT practices

LEADERSHIP

UVA BRIDGE Camp, BRIDGE Scholar and Camp Counselor **Summer 2020**

- Mentored incoming first-gen college students who come from diverse and/or low socio-economic backgrounds

Rodman Scholar, Entrepreneurship Chair **Fall 2019-Spring 2022**

- Rodman scholars consist of the top 5% of students in each incoming class of the UVA School of Engineering

SKILLS

Coding: Proficient in Python, SQL, Java, and C++

Software: Proficient in Excel, PowerPoint, and Tableau

HONORS/RECOGNITION

Winner of 2020 PwC Case Challenge; 2nd place at 2021 UVA Deloitte Competition; Finalist at 2021 UNC-EY Case Competition; UVA Bridge Scholar, 2019; UVA Rodman Scholar, 2019; Delaware Valley Volunteer Award: Awarded for work in inner-city Philadelphia, 2019