

Moro W. M. Bamber

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Education

- University of Alaska, Anchorage (UAA). Anchorage, AK
 - Computer Science Major / Math Minor
 - Graduation Date: December 2024
 - Current Cumulative GPA: 3.65, Major GPA: 4.0
 - Relevant Course work: C/C++, Python, Probability, Discrete math, Multivariable Calculus, Software Engineering, Database Systems
 - Created Web Application for Alaska Car Crash data with Django framework - Used Machine Learning Models to predict factors contributing to different types of crashes
 - Created Graphing Calculator App with Python and PyQt – main contribution was backend design and functionality

Work Experience

- RBC Capital Markets, Toronto, ON: May - August 2024
 - Analyst - ETF Trading Desk
 - Worked to improve existing trading systems and analyzed data for better market making practices
 - Used Python for automation of tasks, SQL and KDB for querying big data sets
- University of Alaska Anchorage, Anchorage, AK: Fall 2023-Fall 2024
 - Teaching assistant for C++ and C programming classes
- Vertico Farms, Toronto, ON: Summer 2021
 - Assisted in the construction and buildout of a new state-of-the-art vertical farming facility and subsequent first planting.
- Mountainview Homes, St. Catharines, ON: Summer 2018
 - Construction Site Assistant

Activities

- Presented at CCECE 2024 in Kingston, ON *Understanding the Internet Backbone in the Circumpolar North* – IEEE Affiliate Conference
 - Research into the internet infrastructure in Alaska and Northern Canada
- IEEE Xtreme 24hr. Coding Competition Participant 2023 – Top Ranked Team for School
- UAA Seawolves Ski Team: NCAA Division 1, competitor 2021-2024
 - Competed in the NCAA Championships 2021
 - Captain 2022-2024
 - Student Athlete Advisory Committee 2022-2023 (President 2023/24)
- World rank peak under 500 in the world in Slalom (328) and Giant Slalom (432) (Alpine Skiing)

Technical Skills

- Programming Experience in Python, C++, SQL, C, KDB (q), R, Java, MATLAB
- Proficient with Git, Linux CL, Microsoft Office Tools