# Moro W. M. Bamber

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#### Education

- University of Alaska, Anchorage (UAA). Anchorage, AK
  - o Computer Science Major / Math Minor
  - o 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

- Alyeska Ski Club, Girdwood, AK: November 2024 April 2025
  - U18 Assistant Coach for Alpine Ski Racing
- RBC Capital Markets, Toronto, ON: May August 2024
  - Analyst ETF Trading Desk
  - o Worked to improve existing trading systems and analyzed data for better market making practices
  - $\circ$   $\:$  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
  - o 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
  - o 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