

BO MACNAUGHTON

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EDUCATION

Dartmouth College , Hanover, NH	June 2028
<i>Bachelor of Arts in Mathematics and Computer Science, Rufus Choate Scholar (Top 5% of Class)</i> Relevant Coursework: Intro to Programming & Computation, Problem Solving via Object-Oriented Programming	GPA 4.0/4.0

Brunswick School , Greenwich, CT	May 2024
Honors/Awards: 36/36 ACT, 1510/1520 PSAT, Elected Class “Ivy” Graduation Speaker, Faculty Citation, National Merit Scholarship Winner, Cum Laude, Rensselaer Book Prize	GPA 100.1/100.0

Activities: Varsity Wrestling, Honors Science Research, Children’s Brain Tumor Project Club, Varsity D2 Lacrosse, Make-A-Wish Club, Sustainability Committee

Relevant Coursework: Linear Algebra, Discrete Mathematics, Multivariable Calculus, AP BC Calculus (5/5), AP Microeconomics (5/5), AP Macroeconomics (5/5)

WORK EXPERIENCE

Hurricane Capital , New York, NY	June 2025 – July 2025
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Summer Analyst

- Performed deep research and provided actionable insights on global markets, reporting to management of \$1.4bn AUM multi-manager hedge fund investing in L/S equity, global credit, commodities and futures, and other strategies
- Pitched long position in Synopsys (Nasdaq: SNPS), citing strong tailwinds behind EDA software, favorable positioning within sector, and overblown near-term concerns to support upside of 29% derived through DCF-based modeling
- Created kiosk-style product concept and built out unit economic model to develop operator-focused perspective

Dartmouth Thayer School of Engineering , Hanover, NH	December 2024 – June 2025
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Machine Learning Researcher

- Selected for a competitive ML research project focused on implementing target propagation in many-to-many recurrent neural networks for tasks such as natural language processing
- Developed and optimized learning procedures to improve target prop-trained model performance
- Utilized Python, NumPy, and PyTorch to build recurrent neural network, Scikit-learn for data splits

Weill Cornell Medicine , New York, NY	June 2022 – July 2023
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Summer Research Intern

- Shadowed neurosurgeons Dr. Mark Souweidane and Dr. Jeffrey Greenfield, gaining exposure to clinical and surgical decision-making
- One of two summer interns selected to work in the Children’s Brain Tumor Project pediatric neurosurgery lab
- Conducted DNA extraction, PCR, and gel electrophoresis to set up future experiments focusing on tumor types SHH Medulloblastoma, DIPG, and Craniopharyngioma, among others

ADDITIONAL ACTIVITIES

Dartmouth Investment and Philanthropy Program (DIPP) , Hanover, NH	December 2024 – Present
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Portfolio Monitor for \$900k Long-Only Investment Club

- Completed 8-week intensive education series on fundamentals of Corporate Finance, Accounting, and Valuation
- Presented in-depth research on developments within technology sector weekly to senior investment committee
- Generated investment theses incorporating fundamental analysis supported by DCF and Precedent Transactions: entered \$35k industrials position (CVEO) and \$12k technology position (SNPS)

Dartmouth Quantitative Finance , Hanover, NH	September 2024 – Present
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General Member

- Solved problems commonly posed in quantitative finance interviews (probability theory, statistics)
- Learned about the day-to-day work and application process for various roles in quantitative finance

SKILLS & INTERESTS

Skills: Spanish (Professional Proficiency), Python (NumPy, PyTorch), Java, Scikit-Learn, TensorFlow, Keras

Interests: Entrepreneurship, Machine Learning, Finance, Public Speaking, Wrestling, College Basketball