

ADAM VANDENBUSSCHE

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EDUCATION

- Dartmouth College '22** | Computer Science with Engineering and Public Policy **GPA: 3.85/4.00**
▶ German Language Study Abroad in Berlin (Summer 2019).
- Lower Canada College (LCC) '17, Pre-U '18** **IB DP: 41/42**
▶ Diplôme d'études secondaires (DES) and IB Diploma Programme (IB DP).

WORK EXPERIENCE

- Communications and Outreach Assistant** | Guarini Institute, Dartmouth College **Sept. 2019–Present**
▶ Engage with students and parents to highlight benefits of study away programs. ▶ Organize promotional events for college community, incorporating guest feedback to improve engagement.
- Apprentice French Teacher** | Department of French and Italian, Dartmouth College **Sept. 2018–Present**
▶ Prepare dynamic activities following the Rassiass Method, assessing student progress to interact according to their development. ▶ Explain concepts using a variety of strategies to accommodate students' personal learning styles.
- Hardware Assembler and Software Developer** | emclouded io technologies **Dec. 2018 (Winter Break)**
▶ Programmed and tested a firmware-upgrading AVR bootloader in C, adhering to custom RS-232 serial communication protocol. ▶ Assembled and tested custom PCBs following BOM specification.
- Director of Junior Sailing Program** | Beaconsfield Yacht Club **Nov. 2017–Aug. 2018**
▶ Revitalized sailing school by prioritizing development of more engaging lesson plans and high-energy activities, and creating an Instagram account to improve community relations and gather outreach insight. ▶ Hired and supported team of seven instructors, instituting biweekly one-on-one professional development sessions to help achieve personal and professional goals. ▶ Overhauled dated safety protocols including rewriting vital Emergency Action Plan.
- Sailing Instructor** | Beaconsfield Yacht Club **June 2017–Aug. 2017**
▶ Delivered effective lessons to athletes aged 7-14, adapting methods to accommodate various learning styles. ▶ Guaranteed safety of students while engaging in high-risk activity.

VOLUNTEERING & LEADERSHIP

- First Year Trip Leader** | Dartmouth Outing Club, Dartmouth College **Sept. 2019**
▶ Co-leader of six-day mountain biking trip, mentored seven incoming students and facilitated effective personal reflection activities. ▶ Completed rigorous training program including attending workshops on group facilitation, risk management and wilderness skills.
- Founder and Chair of Activities Council** | LCC **Nov. 2016–June 2017**
▶ Recognizing need for improved communication between co-curricular clubs and school administration, chaired bimonthly roundtable discussions with students to identify areas of improvement in co-curricular management.
- JEM Workshop** | Youth and Philanthropy Initiative Canada **Nov. 2015–Apr. 2016**
▶ Competed in public-speaking event to win a grant for a non-profit grassroots organization offering an adapted workplace for employees with physical and cognitive disabilities, awarded top prize (\$5,000).

AWARDS

- Citation for Academic Excellence in GERM 6: Readings in German Literature** | Dartmouth, 2019
Valedictorian Speaker | LCC, Peer Nomination, 2018
Top Academic and All-Round Prizes | LCC, Five Consecutive Years, 2013 – 2017
Duke of Edinburgh Award | Gold 2017, Silver 2015, Bronze 2014

SKILLS

- Graphic Design** | **Web Design and Development** **Excellent written and verbal communication in English and French, conversational in German.**
C | **Git** | **LaTeX** | **MATLAB** | **Python** | **R**