

# Sonnet Salice

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## EDUCATION

SEPTEMBER 2022 – JUNE 2027 (EXPECTED)

### UNIVERSITY OF TORONTO

Bachelor's in Applied Science (B.A.S.c) in Computer Engineering + PEY Co-op

Awards: Dean's Honors List 2022-2023

Relevant courses: Algorithms & Data Structures, Applied Fundamental of Deep Learning, Intro to Machine Learning, Operating Systems, Digital Electronics, Computer Networks, Computer Architecture, Programming Fundamentals, Circuit Analysis, Digital Systems

MAY 2021 – JUNE 2022

SEPTEMBER 2017 – MARCH 2020

### ERIC HAMBER

### CAMAS HIGH SCHOOL

#### SECONDARY

Average: 96%

GPA: 3.99 Unweighted, 4.74 Weighted,  
AP Scholar with Distinction, Science Olympiad  
State Champion, Knowledge Bowl Regional  
Champion

## SKILLS

**Programming Languages:** C++, Java, Python (NumPy, Matplotlib), ARM/Nios II Assembly

**AI/ML Accelerators:** Pytorch, Verilog, CUDA

**Backend Development:** PostgreSQL, REST API Framework

**Frontend Development:** JavaScript, CSS, HTML, REACT

**Circuit Design:** ModelSim, Logisim, FPGAs

**Version Control:** Git

**Languages:** English, Japanese, Spanish

## EXPERIENCE

### Co-Founder and CTO, DayDream Education - Toronto, ON

MAY 2024 – Present

*Ed-tech startup focused on reducing smartphone usage among high school students by rewarding healthy habits.*

- Secured selection into the NEST incubator at the University of Toronto for mentorship and support.
- Developed a business plan with market research, customer discovery, and financial forecasting, providing a strong foundation for growth.
- Currently launching a pilot program at Havergal College to track phone usage and reward healthier habits, gaining valuable insights for platform refinement.
- Forged partnerships with local businesses to offer real-world incentives, boosting student motivation and engagement.
- Leading the development of the platform's technical infrastructure, using Agile methods to iterate on feedback, focusing on improving scalability, data security, and user experience as the platform evolves.

### INTERN, Repel Security Systems Ltd. - Vancouver, BC

MAY 2023 – JULY 2023

*Led the digital transformation of accounting systems to meet business and client needs.*

- Led the digitization of accounting processes, ensuring alignment with the company's Custom Integration and Home Automation business.
- Learned about the Custom Integration and Home Automation business to ensure digitized accounting meets the needs of the business and the client
- Analyzed the client's business through consultation and review of ~CAD \$500k worth of accounting information to design a tailored accounting system.
- Helped analyze overall business process, identified past accounting errors, and outlined necessary improvements.
- Entered six months of accounting data (starting from January 2023) and transitioned the system to Intuit QuickBooks, customized to meet specific business needs.

### PROGRAM DIRECTOR, International Assoc. of Young Geographers - Portland, OR

OCTOBER 2021 – FEBRUARY 2022

- Organized outreach and participant registration/submission for ~500 participants in GIS Mapping Competition for college-level students in Africa, Asia, Latin America, and the Middle East
- Co-led a team and organized a Statewide Geography Quiz Competition for middle school students in the state of Kerala, India in which over 100 students from 10 different schools participated
- Used video conferencing to run the competition online to adapt to the pandemic
- Developed the competition from the ground up together with the team, planning the structure of the competition, advertising the event, doing outreach to get participants, managing registrations, organizing the tech and recruiting/managing volunteers.
- Ran outreach to geography depts. at local universities to recruit volunteers and principals of schools throughout state