Henry Saber

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EDUCATION

Bachelor's Degree of Applied Science in Software Engineering (Co-op)   Sept 2022 - April 2026
University of Ottawa
- Admission scholarship (**4000$**) awarded to students with over 95% average
- **CGPA: 9.4**

SKILLS

Software Engineering
- Proficient in **Java**, **Python**, **HTML**, **CSS**, **Javascript**, and **Git**
- Developed a website using HTML and CSS
- Familiar with **Object Oriented Programming**
- Designed games and a student **library** data structure using **Python**

Computer
- Familiar with Unix environments (**macOS** and **Linux**).
- Knowledge of **CRM** to create invoices and retrieve customer data
- Experienced with software such as **Microsoft Office Suite** and **Visual Studios**
- Charged with **building** and **maintaining** hardware for **12** computers

WORK EXPERIENCE

Partners Power Trading Inc (Ottawa, ON)   Aug 2019 - Present
Returns Department Manager:
- Attributed over **$2 million** in customer returns
- Charged with preparing daily returns for distributors
- Created a system that ensured all customer returns are sent back to the correct suppliers
- **Automated** a monthly statement reporting system for customers

PROJECTS

- ❖ **MsgMe - React Messaging Web Application**   February 2023
  - ➤ Developed an encrypted messaging web app using **React.Js** and **Gun.js** at HackTheHill **Hackathon**
  - ➤ Learned how to employ **Encryption** from the **Gun.js** library, optimized the front end with **CSS**
  - ➤ Managed messaging functionality with **React.js**, and debugged issues to meet the **36-hour deadline.**
  - ➤ Used **Git** to collaborate with 3 teammates and placed **Top 10** in the sponsored challenge

- ❖ **DESTINATION-U Website**   Oct 2022 - Dec 2022
  - ➤ Developed a custom website using **HTML**, **CSS,** and **JavaScript** from inception to launch as part of a 5-person team, utilizing **Git** to optimize collaboration and efficiency.
  - ➤ Employed industry-standard web development practices such as **responsive design**, **cross-browser compatibility**, and **accessibility**
  - ➤ Organized **weekly team meetings** focused on new ideas and website coding

- ❖ **BLACKJACK - Python card game**   Oct 2021 - Nov 2021
  - ➤ Programmed a fully functional BlackJack card game with an interactive **GUI** using **Python**
  - ➤ Handled user input proactively and **edge cases** to ensure that the game processed crashes
  - ➤ Scheduled code reviews and mentored 25+ classmates to improve their learning experience

OTHER INFORMATION

- Placed in the **Top 25%** in Ontario in a Waterloo Coding Competition
- Led a team to create engineering-related **workshops** for elementary students (**MicroBIt**, **TinkerCad**, **Scratch**)