

# Samuel Valentine

Montreal, Canada

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## PROFESSIONAL SUMMARY

A third year McGill student majoring in mechanical engineering with a minor in software engineering, searching for internship opportunities for the summer of 2022. Learn more at my website: <https://samuelvalentine.netlify.app/>.

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## EDUCATION

**Bachelor of Engineering, Mechanical Major and Software Minor**

**September 2019 - April 2023**

*McGill University, Montreal, Canada*

➤ **CGPA 3.54/4.00**

**Pure and Applied Science**

**September 2017 - June 2019**

*Marianopolis College, Montreal, Canada*

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## SKILLS

➤ **Programming:**

- **Python:** Sphinx, Pandas, Seaborn, Spyder, **TensorFlow:** Random Forests & Neural Networks,
- **Java:** Umple, Gherkin, Junit, Cucumber, JavaFX & Scenebuilder, Eclipse
- **UML:** Domain Modeling, Class/State/Sequence Diagrams, Umple (Code Generation)
- **Version Control:** Git, GitHub, Mercurial
- **Other:** MATLAB, Simulink, HTML & CSS, LabVIEW

➤ **Machining:** CNC milling & lathing, 3D printing, WHMIS, Class 5 license, landscaping equipment

➤ **Languages:** English (fluent), French (conversational)

➤ **Software:** Solidworks, Mastercam, MS Office Suite (Word, Excel, PowerPoint)

➤ **Computer Operating Systems:** Windows 7/8/10/XP/Vista, Mac

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## EXPERIENCE

**Bombardier – Loads & Dynamics Internship**

**Jan 2021 – Aug 2021**

- Worked on automating and improving large data prediction tools in Python using data analysis, machine learning, and other methods
- Formally presented and documented all work throughout each project

**McGill Rocket Team (MRT) – Avionics Subdivision**

**Sep 2019 – Aug 2021**

- Worked on a JavaFX GUI designed for tracking specifications of the rocket from the ground-station
- Won the design award for MRT's **Hackathon 2020** event

**Team Leader - Strathmore Landscaping** (Between Semesters)

**Nov 2017 – Aug 2020**

- Successfully **lead** a crew to regularly meet the assigned contracts' needs
- Built positive relationships with clients, even in challenging circumstances
- Experience driving large Isuzu dump trucks, pickup trucks, and other vehicles
- **Trained** new employees