YACINE HAMDANI
SOFTWARE ENGINEERING

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CORE STRENGHTS

C++ ▪ C ▪ Java ▪ VHDL ▪ HTML ▪ CSS ▪ Javascript ▪ Typescript ▪ Angular ▪ Mongodb ▪ **Procedural & Object Oriented Programming** ▪ Embedded systems ▪ **Agile Work Method** (Valispace, Taiga, Slack, Gitlab) ▪ Problem Solving ▪ Fast at Processing & Analyzing ▪ 3D Spatial skills ▪ 3D Modelling ▪ 3D Printing ▪ 3D scanning ▪ Rapid Prototyping ▪ Multilingual ▪ Product Design ▪ GitHub ▪ Autodesk 3D Modeling Softwares ▪ **Leadership** ▪ **Communication** ▪ **Project Development**

PROFESSIONAL

2016 - 2019	**City of Montreal** Tourism White Collar
2017 - 2018	**Ikea** Sales Associate
2018	**Swatch** Carrefour Laval Sales associate
2018	PolyOrbite Public Relation (Engineering student association)
2018 - 2020	PolyOrbite Team Lead Data – Rover branch • Embedded systems and robotics
2020 - Present	**Polytechnique university**, PolyFab lab assistant
2021 - Present	**Polytechnique university**, Teaching Assistant Milestone Project 1: Robotics and embedded systems

SCHOOL/PERSONAL PROJECTS

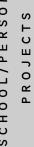|	

2018 - Present	Entrepreneurship
	 • YAXIZ 🔗 yaxiz.com
	   3D Printing/Modelling/Prototyping Service + Online Store
	     Contract with Transtex lcc
	 • Y–Tricity 🔗 Y–Tricity.tech
	   Minimalist Tech product conception, developing and manufacturing
	     Latest product : Y–Wall, the first wall mounted wireless charger

2019 - Present	University Projects • Project 1 : Robotics and embedded systems C++ / Arduino • Project 2 : Sketchpad.io clone Angular app Angular / Typescript / Mongodb
2021 - Present	Desktop Plastic Injection Machine • Designing and making a plastic injection machine for my university. I gathered skillful engineering students together and won a $5040 subvention from the <u>Office of Sustainable Development</u> of my school to help us reach our goals

EDUCATION

2012 - 2014	Sophie–Barat Défi (Enriched Program)
2016	College Stanislas Natural Science High School Diploma
2016 - 2018	Cegep Bois–De–Boulogne Pure and Applied Science High School Diploma
2018 - Present	Polytechnique / University of Montreal Computer Software engineering undergrad studies

VOLUNTEERING & ACHIEVEMENTS

2015	Karate Brown Belt, Fundraising for a heart disease organization
2016 - 2017	Lifeguard at ITU (International Triathlon Union) in Montreal
2018	Leader of a team of 7 volunteers at ITU in Montreal
2019	Force Avenir Finalist
2021	Recipient of a $5040 subvention from the <u>Office of Sustainable Development</u>