

YACINE HAMDANI

SOFTWARE ENGINEERING



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CORE STRENGTHS

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 <ul style="list-style-type: none">• Embedded systems and robotics |
| 2020 - Present | Polytechnique university, PolyFab lab <u>Project Manager</u> <ul style="list-style-type: none">• Working with a doctoral student and LM2 laboratory Engineer to design and create a desktop sized organic thermoplastic polymer (PEEK) injection machine for the LM2 laboratory (Laboratoire de mécanique Multi-Echelle) |
| 2021 - Present | Polytechnique university, <u>Teaching Assistant</u> Project 1: Robotics and embedded systems |

SCHOOL/PERSONAL PROJECTS

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|----------------|--|
| 2018 - Present | Entrepreneurship <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Project 1 : Robotics and embedded systems <u>C++ / Arduino</u>• Project 2 : Sketchpad.io clone Angular app <u>Angular / Typescript / Mongodb</u> |

VOLUNTEERING
&
ACHIEVEMENTS

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

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