BENJAMIN CARRIER

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Education

McGill University *2014 − 2018*
Major in Electrical Engineering
Core member of McGill Formula Electric

TU-Berlin *2016 − 2017*
Exchange Semester
Masters Elektrotechnik classes

Work Experience

Koomi *2018 −*
Fulfilment and business intelligence
Built systems to optimize onboarding procedure

Lifeguard *2012 − 2017*
Vigilence of poolside to prevent injuries
Regulated water quality
Performed aquatic rescues and provided first aid when necessary

Projects

CubeSat *2018*
Designing solar panels for a 1U cube satellite in conjuction with the McGill Space Group.

Blackjack Game *2017*
Using the Altera DE1 board and Altera Quartus FPGA, created a fully functional human vs computer dealer game of blackjack.

McGill EV Website *2015*
Created website for the McGill EV formula electric design team. The site was made to showcase the various vehicles, promote sponsors and display contact information.

LeJos Robot *2014*
For Design Project class. With a team of 4 designed a leJOS robot running on Java to localize in a grid, navigate an unknown maze and shoot ping-pong balls at targets given before a run.

Musical Glove *2012*
For highschool art project. Using the Arduino Uno board, developped a glove that played notes and switched octaves when touching your thumb to parts of your finger.

Honors and Awards

Antje Graupe Pryor Scholarship
McGill University

Mobility Award
McGill University

Academic Standing Award
Technik Universität Berlin

Graduated with Honors
Marianopolis University

Dean's List
Marianopolis University

Best Documentary
Ste-Anne de Lachine

Curious, seeker of challenges, lover of design, interdisciplinary, web creator and musical instrument inventor. I am graduating electrical engineering student at McGill University looking for an opportunity to contribute with the boundary pushers of the world. I am confident that I will bring talent and creativity to your projects.

Skills

Certifications	First Aid CPR Anaphylactics shock treatment
Spoken Languages	Fluent in English Fluent in French Excellent written and verbal communication skills
Programming Languages	Java C HTML/CSS/JS Python PSpice x86 Assembly MatLab
Software Proficiencies	Eclipse Adobe Creative Suite OrCad Capture Git LTspice Altera Quartus
Interests and hobbies	Graphic and web design Keyboardist in band Cooking Canoe camping Team sports Tinkering

CV