

MASSY MAHAMLI





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EXPERIENCE



KONTROL ENERGY | Toronto - remote , June 2020 - onwards

Full Stack Developer Intern

- Developed the entirety of a React  and GraphQL  custom dashboard maker which pulls real-time energy metrics from buildings, eliminates the need for technical skills when creating dashboards and cuts implementation time from ~2 hours to 10 minutes/dashboard
- Analyzed 4 different data transmission technologies and ranked them on 6 key metrics before developing the architecture of the dashboard maker and supported current technology with bug fixes and new feature development in Ruby  and Java 





LISTING BIRD | San Francisco - remote , May 2020 - onwards | Part time

Frontend Developer and Media Intern

- Frontend development on the main application using Angular  and Typescript  following an agile workflow
- Created graphics and videos based on marketing needs and trained other interns in video editing and content creation

CIRQUE DU SOLEIL | Montreal , May 2019 - March 2020

Software Engineering Intern for Nextasy, Cirque du Soleil's Innovation Laboratory

- Developed the entirety of a Python  Raspberry Pi  application to control technological fashion pieces and presented at the 2019 September New York Fashion Week and at the 2020 Partner keynote at SAP's FKOM in Barcelona
- Managed development workflow, introduced Git for storage and developed the entirety of two R&D projects aimed to further live entertainment by exploring computer vision and fashion technology using OpenCV, Android  and Arduino 

EXPLORANCE | Montreal , 2018 (4 months)

Media Intern for the Community Engagement and Learning Center Department

- Created motion graphics videos on multiple facets of the Blue software to diversify training methods with new clients 

JEWISH ELDERCARE CENTER | Montreal , 2018 - 2019 (1 year and 3 months)

Maimonides Intensive Summer Session for Individual Volunteer Experience (M.I.S.S.I.V.E) Program Coordinator

- Placed volunteers in appropriate departments based on interest and skills, addressed issues with supervisors, organized daily lectures with healthcare professionals and introduced a new feedback system to improve volunteer's experience continuously

EDUCATION

MCGILL UNIVERSITY | 2017- May 2021

Bachelor of Engineering, Software Engineering

- President of the Engineering Undergraduate Society's videography and film committee (<http://bit.ly/tpsmcgill>) 2018-2020
- Design Lead and Frontend developer for the McGill Google Developer Student Club *current*
- Head of Communications Coordinator for the 2020 McGill Engineering Orientation Week 2020
- Electrical, Computer and Software Engineering Student Society (VP Communications 2019-2020) (VP Administration 2018-2019)
- Awarded the Desjardins Academic success and community involvement scholarship 2017

Courses : Computer graphics, Artificial Intelligence, Algorithm design, Databases, Software Delivery, Software Validation, Signals and Networks

ENGINEERING PROJECTS more on massivam.github.io/portfolio


Co-founder of Magic Pen | current | github.com/MassivaM/magicpen

- iOS application which makes it easier for filmmakers and beginners to create, built with the Apple Pencil API and Objective-C 



Co-founder of Thankloop | current | github.com/MassivaM/thankloop thankloop.io (launch September 2020)

- React , GraphQL , MySQL  web app which enhances your wellbeing and those of others by sending positive thank you messages

McGill 2020 Engineering Oweek website | 2020 | github.com/MassivaM/frosh2020 oweb.mcgilleus.ca

- React,  website which displays information about Oweek, a blog with articles for first years and an easy way to register

KARPOOL | 2018 | <https://github.com/ECSE321-Fall2018/t14-web>

- Android  and web application which facilitates intercity carpooling built with Java , VueJS, PostgreSQL, Spring and Maven

AUTOMATED ROBOT OBJECT COLLECTOR | 2018 | Project Manager |

- Responsible for overseeing a team of 6 members in a 6-week robotics challenge, set goals and deadlines using Gantt charts

SKILLS

- Programming languages :** Javascript, Java, Python, HTML, SCSS, C, SQL, Ruby
- Tools :** React, GraphQL, Jest, Angular, MySQL, TravisCI, Raspberry Pi, Android, OpenCV, Adobe Suite, Visual Studio, Spring, Maven
- Languages:** French, English, Berbere, Spanish (conversation proficiency)