MASSY MAHAMLI

MassivaM

massivam.github.io/portfolio

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EXPERIENCE

KONTROL ENERGY| Toronto – remote , June 2020 – onwards

Full Stack Developer Intern

- Developed the entirety of a React and Spring 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 , Typescript and PHP 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 the 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 McGill Entrepreneurship TechAccel Grant *2020* and Desjardins academic success and 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 Buzzle | current | McGill Engine TechAccel Startup Grant project

- 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

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

McGill 2020 Engineering O-Week website | 2020 | github.com/MassivaM/frosh2020 oweek.mcgilleus.ca

- React, website which displays information about O-Week , 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 , Spring , Maven, VueJS , PostGRESQL,

AUTOMATED ROBOT OBJECT COLLECTOR | 2018 | Project Manager | Java

- 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, HTML, SCSS, Java, ES6, C, SQL, PHP, Java, Python
- **Tools :** React, GraphQL, Jest, VueJS, TravisCI, Raspberry Pi , Android, OpenCV, Spring, Maven, Linux , MySQL, Redux, Adobe Suite
- **Languages**: French , English , Berbere, Spanish (conversation proficiency)