Maxime ROUSSEAU

PERSONAL INFORMATION

DECEMBER 8 1995	Chicoutimi, Quebec
ADDRESS:	44 Anwoth Rd, Westmount, Qc, H3Y 2E7
PHONE:	(438) 992-8885
EMAIL:	maxime.rousseau2@mail.mcgill.ca

EDUCATION

Current	DMD Candidate 2020, McGill University, Faculty of Dentistry
09/2013 - 06/2015	DEC Health Science - Collège André-Grasset
09/2008 - 06/2013	DES Science Nature - Séminaire Sainte-Trinité

COMPUTER, TECHNICAL & LABORATORY SKILLS

2018	Programming languages: python, R, latex, vimscript, shell script
	Operating systems: Linux
	Neural Networks and Deep Learning certificate by deeplearning.ai on Coursera
	Course focusing on teaching the foundations of deep learning, how to build neural networks and how to lead a successful machine learning project.
SUMMER 2013 - 2015	Laboratory work in Di Battista and Rousseau orthodontic clinic
	Various tasks performed such as wire bending and appliance construction.

VOLUNTEERING & EXTRACURRICULAR EXPERIENCE

2016 - 2019	Mandatory volunteering for the Outreach community clinic
	Participating in the effort to provide dental care to the underserved communities in Montreal. Treatments offered at the community mobile clinic and the McGill Undergraduate Clinic.
01/2014 - 06/2014	Tutoring in science - Collège André-Grasset
	Offering help to students struggling in with courses in sciences through one on one sessions.
01/2014 - 06/2014	Tutoring in french - Collège André-Grasset
	Offering help to students struggling in french through one on one sessions.
11/2014	Representative of health science students of Collège André-Grasset
	Representing the health science students for the commission de l'évaluation de l'enseignement collegial.

SCHOLARSHIPS & AWARDS

2018	Summer research studentship: *Deep learning applications for diagnosis and classification of Osteogenesis Imperfecta*, Mcgill of University, faculty of Dentistry
2017	Summer research studentship: *Facial analysis in subjects affected by Osteogenesis Imperfecta*, Mcgill of University, faculty of Dentistry
2016	Summer research studentship: *Natural history of osteogenis imperfecta*, Mcgill of University, faculty of Dentistry
2015	Best speaker awards, Debating Competition, The Bar of Montreal
2014	Bronze mention in chemistry, Collège André-Grasset
2013	Male athlete of the year, Skibec Acrobatique
2013	Award for Quebec region athlete who had the most success on provincial and national level in mugul skiing, Skibec Acrobatique
2012	Elite sport award: *Student who succeed provincial and national level in sport while maintaining high level of academics results*, Séminaire Sainte-Trinité
2010	English silver award Séminaire Sainte-Trinité
2009	Leadership award, Séminaire Sainte-Trinité
2009	Personality award, Séminaire Sainte-Trinité

PUBLICATIONS & TALKS

Journal Articles

2018	Maxime Rousseau, Jean-Marc Retrouvey; *Osteogenesis Imperfecta: potentieal therapeutic Approaches*; PeerJ, link
2018	Maxime Rousseau, Jean-Marc Retrouvey; *pfla ; Python Facial Landmark Analysis*; JOSS, link

Posters

2019	Facial Analysis of Patients Affected by Osteogenesis Imperfecta using Computer Vision and Statistical Shape Analysis, a case-control study McGill University Oral Health Research day
2018	Facial Shape Analysis in Osteogenesis Imperfecta Using Automated Computer Vision IADR/PER General Session and Exhibition London
2018	Facial Analysis of Patients Affected by Osteogenesis Imperfecta using Computer Vision and Statistical Shape Analysis, a case-control study McGill University Oral Health Research day
2017	Osteogenesis Imperfecta: potential therapeutic approaches McGill University Oral Health Research day

Competitions

2018	Finalist in the Craniofacial Biology Reseach Junior Awards Competition; *Facial Shape Analysis in Osteogenesis Imperfecta Using Automated Computer Vision* IADR/PER General Session and Exhibition London

Projects

2018 -	**pfla**: Python Facial Landmark Analysis
	A python package for facial analysis of images.
2019 -	densys.org
	Densys aims at bringing machine learning technologies to the researcher and clinicians in the various dental and medical fields.

Interests and Activities

Technology, Open-Source, Programming
Alpine skiing, judo, sailing and guitar