

EDUCATION

McGill University, Montréal, Quebec, Canada

BSc. Quantitative Biology; Minor: Computer Science & Mathematics (James McGill Entrance Scholarship) – 3.72 GPA

SKILLS

Programming: Java, JavaScript (D3, AngularJS), Python (incl. Scipy), MATLAB, LaTeX, MySQL, MongoDB, PHP, HTML, CSS
Management: Logistics, Project Management, Customer Service
Mentorship: Peer Tutoring, Camp Counsellor, Tutorial Writer

WORK EXPERIENCE

Biomedical Ethics Unit - Research Assistant, McGill Faculty of Medicine, Montreal, Quebec August - October 2014
- Extracting financial data from articles published in research journals
- Inspected new online platform for citizen science data extraction from PDFs

Citation.io - Software Developer Intern (AngularJS), Montreal, Quebec July - August 2014
- Prototyped Front-end Interface and User Experience for soon to be released web application
- Ensured timely code maintenance and documentation of all AngularJS directives

Canadian Grand Prix- Hospitality Staff (DO & CO), Montreal, Quebec June 2014
- Serviced VIP Customers at the Ferrari Tent
- Demonstrated professionalism in a fast-paced working environment and delivered long hours

Fagotto Lab, McGill University – Lab Technician, Montreal, Quebec December 2014
- Monitored 12 tanks with over 100 frogs for illness and reported to relevant lab member
- Ensured frog tanks were cleaned and frogs were fed three times a week

Sri Lanka Anti-Narcotics Association - Head of Volunteer Logistics, Sri Lanka August 2013
- Executed the National Health Run (Marathon) and produced social media advertisements to recruit younger participants
- Recruited and delegated tasks to 275 volunteers and coordinated data transfer between groups and Race Officials

PROJECTS

Modelling Cancer Metastasis – HGEN 396: Human Genetics Research Project, McGill University
Mathematical and Computational Model – Literature Review, Model Design, GPU/Parallel Programming (project ongoing)

Sleepyti.me for Pebble, McHacks 2015, McGill University
Silent alarm and sleep cycle analysis for Pebble Smart watch – hardware integration & app development (project on ChallengePost.com)

McGill Dobson Start-up Cup Competition 2014
Educational matchmaking/course evaluation platform – Formulated and pitched business plan (semi-finalist)

Urban Transect Project - GEOG 217: Cities in the Modern World, McGill University
Analysis of Spatial Patterns of Montreal – Field work measurements, statistics and data visualization (received A grade)

SleepyTessel - Hack the North 2014, University of Waterloo
IoT Alarm Clock (Sleepy Tessel) – Back-end & hardware integration (project on ChallengePost.com)

Learning AngularJS
Guide to Learning AngularJS – information curation, technical writing – 579 stars (project on GitHub.com)

Busting The Arcadian Myth, Montreal's Ecosystems at Your Service
Article on Arcadian Myth and Modern Cities – Summarised and critiqued the myth and contrasted cities (published at esmontreal.ca)

VOLUNTEER EXPERIENCES

Talwar Research Team - Experimenter, McGill University June 2014 - present
- Assisting researchers to conduct interviews of children for ongoing study on lying in children

Javascript and AngularJS Mentor – McHacks 2015, McGill University February 2015
- Counselling students on assignment questions and assisted them in tutorial sessions

“Be a Computer Scientist for a Week” – Camp Assistant, McGill Computer Science Summer Camp June 2014
- Counselling students on assignment questions and assisted them in tutorial sessions

Secondary Schools United Nations Symposium - Opening & Closing Ceremonies Coordinator 2013
- Succeeded at live streaming events to 4 rooms, coordinating personnel, music and slides and tech support

Asian International School – Head Prefect, Sri Lanka 2012 - 2013
- Advocate for 1200 students, delegator of tasks to the Prefects team, representative of the school and maintainer of school discipline

Interact Club of Asian International School – President, District 3320, Sri Lanka 2011 – 2012
- Surpassed organizing 32+ projects, secured funding, improved life for village of Polgasowita, awarded Best President