

Remi Marchand

3B Honours Biology, Computer Science Minor



Richmond Hill, ON



(647) 995-3645



<https://github.com/Remimstr>



remimarchand@mail.com

About me

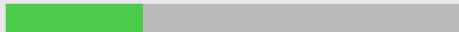
- Experience solving complex problems in biology using computational approaches
- Excited by new challenges; I love being thrown into the "deep end" of a project
- Passionate being part of a team that accomplishes ambitious goals such as whole genome cancer analysis
- Coursework and self-taught in Python, Bash, Java; Some PHP, C, R, and HTML
- Familiar writing clean, modular code, and using VCS such as Git

Skills

C



Java



Python



Data Science



VCS - Git



Web Development



Work Experience

- Fall 2016 **Bioinformatics Support** Neufeld Lab, Waterloo
- Performed maintenance and support for servers and backups
 - Created and modified scripts as required by teams of researchers for their specific projects
 - Prioritized tasks and documented work carefully through github
- Spring 2016 **Bioinformatics Research Assistant** National Microbiology Laboratory, Guelph
- Created tools in python for the curation of > 63,000 Salmonella samples resulting in a comprehensive collection of metadata to be used for analysis
 - Implemented automation using custom spellchecker and controlled list modules reducing manual curation required
 - Code at: https://github.com/Remimstr/Standardize_Metadata
- Fall 2015 **Computational Cancer Genomics** SickKids Hospital, Toronto
- Worked as part of a team to characterize paediatric cancer samples using a high performance computing cluster
 - Reduced the number of false positive translocations called by our pipeline 10-fold; from an average of 150 to an average of 16
 - Designed and wrote a novel tool in python that used translocation events to predict tumor evolution
- Winter 2015 **Instructional Support Assistant** Faculty of Math, University of Waterloo
Specializing in mathematics and physics.

Education

- since 1865 **Ph.D. candidate in Computer Science** Wonderland *A Quantified Theory of Social Cohesion.*
- 1863-1865 **M.Sc. magna cum laude** Wonderland **Majoring in Computer Science**
- 1861-1863 **B.Sc. magna cum laude** Wonderland **Majoring in Computer Science**
- 1856-1861 **High school** Wonderland **Specializing in mathematics and physics.**

Publications

- 1865 Chapter One, Down the Rabbit Hole.
- 1865 Chapter Two, The Pool of Tears.
- 1865 Chapter Three, The Caucus Race and a Long Tale.
- 1865 Chapter Four, The Rabbit Sends a Little Bill.
- 1865 Chapter Five, Advice from a Caterpillar.

Awards

- 1987 All-Time Best Fantasy Novel.
- 1998 All-Time Best Fantasy Novel before 1990.

Experience

- 1900 **Alice in Wonderland-The Circra (1900's) Silent Film.** Film **The first Alice on film was over a hundred years ago.**
- 1933 **Alice in Wonderland 1933 version.** Film **This film stars Ethel griffies and Charlotte Henry. It was a box office flop when it was released.**
- 1951 **Disney Film.** Film **Walt Disney brings Lewis Carroll's fantasy story to life in this well done animated classic. Even though many elements from the book were dropped, such as the duchess with the baby pig and mock turtle, this version is without a doubt the most famous Alice adaption made.**

Review

Alice approaches Wonderland as an anthropologist, but maintains a strong sense of noblesse oblige that comes with her class status. She has confidence in her social position, education, and the Victorian virtue of good manners. Alice has a feeling of entitlement, particularly when comparing herself to Mabel, whom she declares has a "poky little house," and no toys. Additionally, she flaunts her limited information base with anyone who will listen and becomes increasingly obsessed with the importance of good manners as she deals with the rude creatures of Wonderland. Alice maintains a superior attitude and behaves with solicitous indulgence toward those she believes are less privileged.