

# Cassiel Moroney

2150 Birch St  
Palo Alto, CA 94306  
USA

650.526.8223

[cassiel.moroney@mail.mcgill.ca](mailto:cassiel.moroney@mail.mcgill.ca)

2090-1 Rue Jeanne Mance  
Montreal, QC H2X 2J5  
Canada

[www.cassielmoroney.com](http://www.cassielmoroney.com)

Github: [sielmm](https://github.com/sielmm)

## Education

McGill University; Montreal, QC – B.A., Sep 2017-Present

Bachelor of Arts in Computer Science with minors of Computer Science and World Religion, expected 2021. Computer Science GPA: 4.0. Cumulative GPA: 3.84

Mount Holyoke College; South Hadley, MA – B.A., Sep 2015-May 2016

GPA: 4.0

## Programming Languages

Java, C, C++, JavaScript, MIPS, Bash, Python, HTML, CSS, Git  
English, Spanish

## Work Experience

Research Assistant, Dep. of Digital Humanities; McGill University, QC – Nov 2017-Present

Working in JavaScript with Apache Tomcat to develop and improve Voyant Tools, a suite of analytic tools for digital corpuses of literature

Research Assistant, Interactive Computing Research Lab; Mount Holyoke College, MA – Jan-May 2016

Assisted in research on spoken language processing in human-robot interaction, using Python and NLTK to parse test data

Code Coach, The Coder School; Palo Alto, CA – June-Aug 2015

Instructed over 85 private lessons to children ages 7 through 17 in programming languages and logic. Developed personalized lessons, assessed student progress, and wrote robust feedback reports for guardians

## Relevant Experiences

Presenter, International Association of Empirical Aesthetics Conference; Vienna – Aug 2016

Presented “MuSyC,” below mentioned hackathon project

Mentor, Girls In Tech Conference; Mount Holyoke College, MA – March 2016

Led a day group of four high school girls through tech workshops, community building, and a pitch presentation

“Most Interdisciplinary,” HampHack; Hampshire College, MA – Feb 2016

Team award for “MuSyC,” a music-color synesthesia emulator built with Arduino.

“Most Beneficial to Society,” HackHolyoke; Mount Holyoke College College, MA – Oct 2015

Team award for a functioning iOS app that uses network access points to report to visually impaired users their location on campus, down to building and room number

Student, Intel Girls Who Code; Stanford, CA – June-August 2014

Studied programming, robotics, animation, data structures, and web applications for 240 cumulative hours. Collaborated with groups of many sizes to program and present games, simulations, and websites

## Coursework

Software Design (C), Introduction to Computer Systems (MIPS), Introduction to Software Systems (Bash, C), Advanced Object-Oriented Problem Solving (Java), Data Structures (Java), Introduction to Object-Oriented Programming (C++)

## Projects

Full descriptions, videos, and demos of these and other programming projects available at [www.cassielmoroney.com](http://www.cassielmoroney.com). Code at [github.com/sielmm](https://github.com/sielmm)