


## CASSIEL M. MORONEY

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### EDUCATION

**McGill University**, Montreal, QC

(Sept 2017 - present)

*Major:* B.A. of Computer Science & World Religions *GPA:* 3.55

**Mount Holyoke College**, South Hadley, MA

(Sept 2015 - May 2016)

*Honors:* Mount Holyoke Leadership Award, \$20 000 annually

### SKILLS

**Programming:** C++, C, Java, JavaScript, Python, MIPS, Bash, HTML, CSS

**Spoken:** English, Spanish

### RELEVANT EXPERIENCE

**Fellow**, BLUE Fellowship, Building 21, McGill University, QC

(June - July 2018)

- Over 6 weeks, built a dynamic virtual reality program in Unity that responded to users' emotions

- Trained a supervised learning algorithm to detect emotion from tone of voice.

**Research Assistant**, Department of Digital Humanities, McGill University, QC (November 2017 - April 2018)

- Worked in JavaScript with Apache Tomcat to improve Voyant Tools, a digital corpus analytics suite.

**Mentor**, Girls In Tech Conference, Mount Holyoke College, MA

(March 2016)

- Led a day group of 4 high school girls through tech workshops, community building, and a pitch presentation.

**Research Assistant**, Interactive Computing Research Lab, Mount Holyoke College, MA (January - May 2016)

- Participated and assisted in research on spoken language processing in human-robot interaction.

- Read, analyzed, and discussed a scientific research paper a week.

**Code Coach**, The Coder School, Palo Alto, CA

(June - August 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.

**Participant**, Intel Girls Who Code Summer Immersion Program, Stanford, CA

(June - August 2014)

- Studied programming, robotics, animation, data structures, and web applications for 240 hours.

- Collaborated with groups of many sizes to program and present games, simulations, and websites.

### HONORS & AWARDS

**Presenter**, 2016 International Association of Empirical Aesthetics Biennial Conference, Vienna (August 2016)

- Presented MuSyC, below mentioned hackathon project

**"Most Interdisciplinary,"** HampHack, Hampshire College, MA

(February 2016)

- Team award for MuSyC, an audio-to-visual Arduino synesthesia emulator

**"Most Beneficial to Society,"** HackHolyoke 2015, Mount Holyoke College, MA

(October 2015)

- Learned Objective-C with no previous experience and in 22 hours built a functioning iOS app that helps the visually impaired identify their location on campus by using network address points

### PROJECTS

Descriptions and video of MuSyC, Moho Find, and others are available at [cassielmoroney.com](http://cassielmoroney.com)

### RELEVANT COURSEWORK

Software Development, Discrete Structures, Introduction to Computer Systems, Introduction to Software Systems, Advanced Object-Oriented Problem Solving, Data Structures