

# Cassiel Moroney

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Education	<p>McGill University; Montreal, QC – B.A., Sep 2017-Present B.A. of Computer Science, expected 2020. GPA: 3.6</p> <p>Mount Holyoke College; South Hadley, MA – B.A., Sep 2015-May 2016 Mount Holyoke Leadership Award, \$20 000 annually. GPA: 4.0</p>
Programming Languages	<p>C++, C, Java, JavaScript, Python, MIPS, Bash, HTML, CSS</p> <p>English, Spanish</p>
Relevant Experience	<p>Mentor, BLUE Fellowship, Building 21; McGill University, QC – Sept 2018 - Present</p> <p>Fellow, BLUE Fellowship, Building 21; McGill University, QC – Summer 2018</p> <p>In 6 weeks, with no previous Unity experience, trained a supervised learning algorithm to detect emotion from tone of voice and built a dynamic virtual reality program that responds to users' sentiments.</p> <p>Research Assistant, Dep. of Digital Humanities; McGill University, QC – Nov 2017- Sept 2018 Worked in JavaScript with Apache Tomcat to develop and improve Voyant Tools, a suite of analytic tools for digital corpuses of literature.</p> <p>Research Assistant, Interactive Computing Research Lab; Mt. Holyoke College, MA – Jan-May 2016</p> <p>Assisted in research on spoken language processing in human-robot interaction, using Python and NLTK to parse test data.</p> <p>Code Coach, The Coder School; Palo Alto, CA – June-Aug 2015</p> <p>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.</p>
Achievements & Awards	<p>Presenter, International Association of Empirical Aesthetics Conference; Vienna – Aug 2016</p> <p>Presented "MuSyC," a music-color synesthesia emulator built with Arduino.</p> <p>Mentor, Girls In Tech Conference; Mount Holyoke College, MA – March 2016</p> <p>Led a day group of high school girls through tech workshops, community building exercises, and a pitch presentation.</p> <p>"Most Interdisciplinary," HampHack; Hampshire College, MA – Feb 2016</p> <p>Team award for "MuSyC," above described project presented at the IAEAC.</p> <p>"Most Beneficial to Society," HackHolyoke; Mount Holyoke College College, MA – Oct 2015</p> <p>Team award for an iOS app that reports to a visually impaired user their location on campus, precise to building and room number.</p>
Coursework	<p>Algorithms &amp; Data Structures (Java), Software Design (C), Introduction to Computer Systems (MIPS), Introduction to Software Systems (Bash, C), Advanced Object-Oriented Problem Solving (Java), Introduction to Object-Oriented Programming (C++)</p>
Projects	<p>Full descriptions and demos of projects available at <a href="http://www.cassielmoroney.com">www.cassielmoroney.com</a>.</p>