Cassiel Moroney

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Github: 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 2020. 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 NTLK 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. Code at github.com/sielmm