Camille Emig

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EDUCATION

Michigan State University Honors College   Lansing, MI
B.S. Candidate, Computer Science   August 2016 - May 2020

City High School   Grand Rapids, MI
International Baccalaureate Diploma **GPA: 4.097**   September 2012 - May 2016

RELEVANT EXPERIENCE

Michigan State University   East Lansing, MI
Professorial Assistantship   September 2016 - Present
Programming autonomous functions and embedded programming for robotic fish in C, C++, and Python.

FIRST Robotics Team 904   Grand Rapids, MI
Lead Programmer   January 2015 - August 2016
Programmed a autonomous and user controlled robot in Java for the the 2015 and 2016 FRC seasons, using Eclipse as the main IDE.
All electronics and wiring for the 2016 competition robot, as well as the 2015-2016 practice robot.

Calvin College   Grand Rapids, MI
ACE Program Leader   Summer 2012- Summer 2016
Taught scratch, a visual programming language, to students entering grades 6-12 programming using during a five day long summer program.

Girls Who Code   Grand Rapids, MI
Club Ambassador and Mentor   November 2014 - May 2016
Organized club meetings, recruited students, and taught the current students to program in python. Taught both first and second year students.

TECHNICAL SKILLS

Experienced with Java, Python, C#, Web Design, Github

Proficient in Swift, JavaScript, C

ADDITIONAL SKILLS

- ▪ Demonstrated leadership and communication skills, able to work with all levels of people to achieve objectives through FIRST Robotics

ACTIVITIES / HONORS

National Center for Women in Technology Michigan Affiliate Award Winner 2013, NCWIT National Runner-Up 2013, 2014, 2015.