School Address:
229 Vassar Street
Cambridge, MA 02139

Collin Potts

cpotts@mit.edu
(308) 765-1035

Home Address:
281 E. Amblewood Circle
Lima, OH 45806

Education

Massachusetts Institute of Technology (MIT) Cambridge, MA
Candidate for B.S. in Computer Science and Engineering; GPA: 5.0/5.0 *June 2020*
Relevant Courses: Graduate Machine Learning, Computer Vision, Software Construction, Design and Analysis of Algorithms, Discrete Mathematics, Probability and Random Variables

Relevant Experience

JPMorgan Chase & Co. New York City, NY
Technology Analyst *June 2018- August 2018*
- Collaborated with engineers and managers to design a powerful and usable application.
- Built a Java backend and structured, populated, and maintained underlying SQL databases.
- Crafted a React-based frontend, utilized by both engineers and portfolio managers.

Computer Science and Artificial Intelligence Lab – MIT Infolab Cambridge, MA
Undergraduate Researcher *January 2018- Present*
- Created new functionality for WikipediaBase, a knowledge server built as an organized interface for the varied and complex data stored within Wikipedia.
- Restructured testing suite to be unaffected by Wikipedia's dynamic composition.
- Constructed a framework to analyze and abstract data from website markup.

MIT Research Laboratory of Electronics – Speech Communication Group Cambridge, MA
Undergraduate Researcher *January 2017- August 2017*
- Studied the fundamental principles of signal processing and machine learning.
- Developed MatLab modules to accurately process, label, and understand speech.

MIT Space System Laboratory – Zero Robotics Cambridge, MA
Team Member *September 2016- December 2016*
- Designed a game teaching high school students to program, through a team-based competition.
- Coded unit tests and standard players in C++ to improve and debug the current game.

Summer Science Program Boulder, CO
Student Participant *June 2015- July 2015*
- Analyzed astronomical data with imaging software and self-written Python programs.
- Summarized orbital characteristics of an asteroid in a formal research paper.

Skills

Languages: Java, Python, SQL, C++, JavaScript, HTML, CSS, MATLAB
Technologies: React; Word, Excel, and PowerPoint; Adobe After Effects, Photoshop; Arduino

Activities

Fundamentals of Programming *August 2018- Present*
Learning Assistant / Course Assistant
- Assist students in completing their lab assignments and in grasping challenging concepts.

MIT Undergraduate Research Technology Conference *July 2017- September 2018*
Registration Chair
- Coordinated registration of over 200 undergraduate attendees and organized demonstrations.

MIT Code for Good *September 2017- May 2018*
Consulting Group Member
- Provided technical advice to help non-profits maintain and grow their businesses.
- Built an Android application to help a local business connect with their clients.