
MARETTA J MOROVITZ

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EDUCATION

Tufts University | School of Engineering | Medford, MA
Bachelor of Science in Computer Science, May 2017,
GPA: 3.46 | Dean's List 2/2 semester

Relevant Courses: Data Structures (C++), Web Programming, Discrete Mathematics, Simple Robotics (LabVIEW), Introduction to Computer Science (C++), Computing in Engineering, and Introduction to Human Factors Engineering

Fontbonne Academy | Milton, MA

GPA: 4.4 | Head of School List 4/4 years, all AP/honors classes, Yale Book Award, Merit Scholar, AP Scholar with Distinction, Graduation Honors Speaker, President's Service Award (100+ hours of service)

SKILLS

Languages: C++, HTML, CSS, and Visual Basic for Applications

Software: Eclipse, Unix/Linux, LaTeX, and git

EXPERIENCE

Tufts Human-Robot Interaction Laboratory | Medford, MA | March 2014 - present

Head Research Assistant

- Submitting two publications, as second author, for review for the 2015 ACM/IEEE International Conference on Human-Robot Interaction
- Assist in the design and implementation of research studies analyzing the effects of the Uncanny Valley on human-robot interaction.
- Operate robots including MDS (Xitome Design), the PR2 (Willow Garage), and the Nao (Aldebaran Robotics)

Center for Engineering Education and Outreach (CEEEO) | Medford, MA | September 2013 – June 2013

Outreach Assistant

- Taught robotics workshops for elementary school children
- Wrote program to analyze and sort registration data

Tufts Chapter of Engineers without Borders (EWB) | Medford, MA | September 2013 – present

Member

- Design solar powered pump system which will provide a Ugandan community with access to clean water
- Consult with solar company to determine optimal system requirements

Dynamic Martial Arts | Weymouth, MA | June 2005 - present

Black Belt Instructor

- Instruct classes for younger students, including private lessons for a mentally challenged child
- Create and maintain database system to facilitate payment records and student demographics

ORGANIZATIONS

Women in Computing Sciences (WiCS), Tufts Computer Science Exchange (CSX), Catholic Community at Tufts, Tufts Equestrian Team