**Fallon Anne Shaughnessy**

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**EDUCATION**  
**M.S.**, **Human Factors Engineering, Tufts University, 2020**  
Incoming master’s student in Human Factors through the School of Engineering

**B.S., Engineering Psychology, Tufts University, 2019**

Minor in Film and Media Studies

*GPA: 3.75/4.00*

Magna Cum Laude, NESCAC & NFHCA All-Academic

**WORK EXPERIENCE**

**Wonder Workshop,** San Mateo, California

Wonder Workshop is a small company in Silicon Valley that creates educational robots for middle schoolers learning computer science. Our team of two electrical, two computer science, and two human factors engineering students was tasked with the project of developing an engaging lesson module that utilized the company’s newest robot, Cue, by creating a desktop-based user interface.

*Senior Capstone Project,* September 2018-May 2019

● Interviewed computer science educators and curriculum developers to better grasp the needs of our users and to create requirements for our engineering team

● Performed user testing at the Museum of Science in Boston on middle school aged children, relaying key insights discovered from these tests to our team to better iterate on our user interface

**Volpe National Transportation Systems Center,** Cambridge, Massachusetts

Volpe is a national transportation and logistics center under the United States Department of Transportation. My research project focused on developing a framework that could help synthesize a beneficial relationship between Volpe and Tufts given the newly signed CRADA (Cooperative Research and Development Agreement).

*Tufts Human Factors Researcher,* September 2018-December 2018

● Researched and cataloged Volpe’s untapped resources for potential student exploration

● Interviewed and surveyed Tufts students, Tufts faculty and Volpe researchers to create the basis of user and stakeholder needs and requirements

● Established guidelines and a framework for future students conducting independent research at Volpe

**Acorio,** Boston, Massachusetts

Acorio is a ServiceNow consulting company that uses their expertise in the cloud software to transform clients’ informational technology services. I worked for Acorio as a summer intern in their User Experience Practice.

*User Experience Practice Intern,* June 2018-August 2018  
 ● Worked with the UX practice team to develop web service portals for clients

● Aided team in creating client-specific user feedback tests and surveys  
 **SKILLS**  
*Research:* Usability testing, Contextual Inquiry, User Interview, User-Centered Design, Prototyping  
*Computer (varying levels of proficiency):* HTML5/CSS, JavaScript, C++, Sketch, Qualtrics, UserTesting.com Autodesk: AutoCAD, Inventor, Revit & 3DS Max, Adobe: Premiere & Photoshop

**LEADERSHIP EXPERIENCE**

**Tufts University Field Hockey,** Medford, Massachusetts  
*Team Co-Captain,* December 2017-November 2018

● Helped lead team to the NCAA Division III National Championship game

● Voted Most Valuable Player by teammates