Brigitte **Pare**

2 Windward Lane, Scituate, MA , 02066

781-854-7485 | brigittempare@gmail.com | http://bpare.github.io | brigittepare

Education

Northeastern University — *Boston, MA*

M.S. in Computer and Electrical Engineering — *Jan 2017 - May 2018*

- GPA: 3.7/4.0

Northeastern University — *Boston, MA*

B.S. in Electrical Engineering — *Sept 2013 - May 2018*

- GPA: 3.7/4.0

Industry Experience

Dell-EMC Corporation — *Hopkinton, MA*

Software Test Engineer Co-op — *Jul 2015 - Dec 2015*

- Independently developed Python software to automate server board LED functionality tests.
- Collaborated to create a user interface which allowed internal employees to conduct LED functionality tests.
- Integrated additional control over server board power into existing software for multiple Dell-EMC products.
- Assisted in adding and configuring additional hardware used with Dell-EMC product testers.
- Collaborated to validate server board hardware configuration by using Python regular expressions.
- Awarded Excellence @ EMC Bronze Award for having an exceptional Co-op Term.

Research Experience

Northeastern University and Harvard University — *Boston and Cambridge, MA*

Student Researcher: Visualization of Controversy in Wikipedia Project — *Nov 2016 - PRESENT*

- Actively creating a visualization tool for understanding controversy in Wikipedia. This uses a provenance graph software which calculates a controversy metric based on Wikipedia article history.
- Utilized Python Beautiful Soup to scrape and organize data from the provenance graph.
- Implemented an HTML and CSS text based visualization and a JavaScript D3 navigable timeline visualization.
- Added functionality to allow users to navigate through different versions of articles.
- Code available at github.com/bpare

Capstone Project

Northeasten University — *Boston, MA*

Wearable Hydration Band — *Jul 2017 - Dec 2017*

- Worked with a team to create a wearable monitor that informs a user of their hydration status.
- Implemented predictive equations found from bio-impedance analysis over large sample sizes.

Technical Skills

Experienced: Python, HTML, Matlab.

Intermediate: C++, JavaScript, Git.

Familiar with macOS, Linux, and Windows.