# Tyler La Fronz

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## Executive Summary

With a passion for technology, I am always learning about the latest and greatest technology, platforms, and tools. Lately I have been using my passion to help create proof of concepts, while also helping to refine and tune my skills. I hope to help create a more open and connected world, while also valuing customers' and client's data.

## Education

**Wentworth Institute of Technology,** Boston, MA                                    **Aug. 2017**
Bachelor of Science: **Computer Science**, Dean's List - Summer 2016 & Spring 2017

## Skills

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|---|---|---|---|
| *Languages*: Java, C/C++, Assembly Language, JavaScript | *Working Knowledge*: Python, R, Bash, Angular, Ruby, Spring MVC, Spring Boot | *Tools and Plugins*: D3, Git, Logisim, PuTTY, SQL Developer, WireShark | *Platforms and IDEs*: Eclipse, Docker, Openshift, Heroku, Visual Studio, InteliJ |

## Experience

**Software Developer**                                                      **Nov. 2017 – Current**
*United Parcel Service, Inc.,* Parsippany, NJ
- Full-Stack Web Application Developer, using Java, Spring, MVC, and JavaScript.
- Designed and rebuilt Operational applications, for controlling and monitoring packages.
- Worked with teams, both on-site and remote (including internationally).
- Worked on large operational critical applications.

**Software Developer Co-Op**                                           **Sept. 2016 – Dec. 2016**
*ISO Developers,* Winthrop, MA
- Developed Cross Platform Mobile Applications using the Ionic Platform, AngularJS, HTML, and CSS.
- Implemented Customer Product Ideas using JavaScript, HTML, and CSS.
- Coded in groups using Git, and other version control systems.

**Network Administrator Co-Op**                                       **Jan. 2016 – April 2016**
*Applied Geographics, Inc.,* Boston, MA
- Implemented and supervised a RADIUS server for use in an 802.1X wireless network.
- Maintained and supported Website infrastructure.
- Coordinated Website Analytic Reporting.

## Projects & Research

Music Map (April 2017) – MusicMap.LaFronz.com
- Developed a Visualization of a Spotify user's library using D3, NodeJS, and Spotify's web API to create a new way for users to view their library items.

*Battleship Prototype* (Fall 2015) - Github.com/lafronzt/Battleship
- Built the board game Battleship into a 1-player game in Assembly Language while working with 2 others.

## Leadership

**Wentworth Student Government**                                        **Sep. 2013 – Aug. 2017**
*President* – Elected by entire the student body to serve a 1-year term. Act as student liaison to Departments and Divisions. Preside over Weekly Meetings and create the agenda.
- Hosted regular Meetings with the Institute's President, Vice Presidents, and Associate Vice Presidents, to discuss ongoing and future campus and Student concerns.
- Advocated for more efficient ways to target events and engage underrepresented campus groups and commuters with Campus Administration.

*Academic Affairs Officer* - Elected by the student body to work closely with our campus partners on issues revolving around class schedules, class options, and academic problems and changes. Worked closely with the Provost and Registrar.

**Wentworth Leadership Institute** (Completed a 12-week Leadership seminar)          **Mar. 2017**
**Wentworth Alliance**                                                  **Aug. 2015 – Jan. 2017**
- Ensure that a community at WIT has their needs meet and understood by administration, staff, and faculty.

**Preferred Name Implementation**                                      **Oct. 2015 – Aug. 2017**
- Implement a Preferred Name Policy across Wentworth's intranet to ensure that over 4000 students, faculty, and staff can use the name that they identify with the most.
- Communicate with other Student Leaders throughout the College of the Fenway consortium, a collective of 5 other Colleges and Universities in the Fenway area of Boston.

## Appointments

- Search Committees – Registrar, Director of the Center for Diversity and Social Justice Programs
- Wentworth Alumni Association Student Board Member