

## EDUCATION

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### Wentworth Institute of Technology

*Expected August 2016*

Bachelors of Science in Computer Science

Course Work: Machine Learning, Data Science, Artificial Intelligence, Database Application

Major GPA: 3.67 – Overall GPA: 3.3 – Dean's List ( 7 Semesters ) – William F. Gilbert Jr. Award

### Springfield Technical Community College

Sept 2012 - May 2013

## TECHNICAL SKILLS

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*Programming Languages:* Java, SQL, Python, LabVIEW, C++, C, VB.

*SQL Environments:* Oracle, MySQL, SQLite, and PostgreSQL, H2, JPA.

*Platforms and Hardware:* Windows, Mac, Linux, Arduino, and Microcontrollers, Virtual Box.

*Software:* NetBeans, Eclipse, Visual Studio, Git, Mercurial, Subversion, Word, Excel, PowerPoint, Outlook, Access.

## EMPLOYMENT

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### Startup Code Works – Cambridge, MA – *Software Developer Intern*

May 2015 – Sept 2015

- Helped autism research by developing a system to record sequences of autistic triggers and send data to researchers.
- Developed and tested application for classroom-level survey assessments for K-12 education to provide research and analytics insights about teaching practices, student engagement, and school climate.

### UTC Aerospace Systems – Windsor Locks, CT

*Space Systems – Systems Engineering – Computer Science Intern*

April 2014 – Sept 2014

- Team Leader in the production of an application to reduce development time of components for the Aerospace Industry.
- Integrated a companywide Excel Ribbon Tab with modular tools that communicated with other software applications.
- Created large and robust application utilizing Model View Controller design pattern.

*Air Management Systems – Metrology – Computer Science Intern*

June 2013 – Aug 2014

- Created a tracking application that uses radio frequency identification system to locate tools and parts across the facility.
- Updated flow calibration meters communication ports to USB 3.0 to synchronize with updated calibration hardware.
- Created software that assigned tasks to technicians for machine calibration, along with calibration reports and accuracy.

## PROJECTS

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### 2016 Primaries Election Prediction – Java – Machine Learning

Sept 2015 – Dec 2015

- Forecasted the outcome of the 2016 primarily elections by a machine learning application to read users' twitter account and use sentiment and partisans analysis to determine who the user would vote for.

### WIT-Google – Java – B+ Search Tree

Jan 2015 – May 2015

- Created a search engine for the Wentworth Community to find courses and professor's information.

### James Michel Curley's House Museum – Java, C++ – Game Design

Jan 2015 – May 2015

- Developed and curated an online house museum, and built an application used to tour the inside of the historic manor.

*More Projects At:* [gregfrasco.github.io/projects](http://gregfrasco.github.io/projects)

## INVOLVEMENT

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### Accelerate, Innovation and Entrepreneurship Center – Wentworth Institute of Technology - Boston, MA

*Web Developer and Systems Analyst*

Jan 2015 – *Present*

- Design, develop, and maintain a website for Accelerate to help spread awareness of events and entrepreneurial updates.

*Innovative Thinker and Entrepreneur Collaborator*

Sept 2013 - *Present*

- Involved in a Competitive entrepreneurial program focusing on design for invention ideas and projects for the market.

### Wentworth Wellness and Disability Services – Tutor – Boston, MA

Jan 2014 - *Present*

- Work 1-on-1 with several students with disabilities to increase their scores by a letter grade.

### Wentworth Leadership Institute – 16 week Leadership Workshop – Boston, MA

Sept 2013 – Dec 2015

- Learned skills in conflict management, diversity, mentoring, Generating Innovative Ideas, and Ethics

### FIRST Robotics – Mentor – Boston, MA

Sept 2009 – Dec 2015

- Extensively work with team members to designing, building, and fabricating a functional robot for Competition.
- Teach and solve real world problems using problem solving, systems engineering, leadership, and software skills.