

# Giovanni Carrara

54A Garfield Street  
Cambridge, MA 02138

+1 (215) 837-5180  
[carrara.g@gmail.com](mailto:carrara.g@gmail.com)

## EDUCATION

LeWagon, Milan, IT Fullstack Web Development May 2018  
Web Development Course: HTML, Javascript ES2015, CSS (Sass), SQL, git, GitHub & React

Northeastern University, Boston, MA BSc in Industrial Engineering May 2015  
GPA: 3.24, (Major Specific: 3.57)  
Honors: College of Engineering Dean's List  
Courses: Solidworks, Logistics and Supply Chain Management, and Project Management (MsC)

## WORK

Tulip Interfaces, Somerville, MA Customer Success Engineer November 2018 - Present

Managing enterprise deployments on Tulip's no-code app platform to increase active stations and power users  
Supported customers through complex integrations to the platform:  
Data: SQL databases, ERPs (including developing custom HTTP server-side scripts), CRM's  
Machines: CNC's, IM's, etc. through OPCUA, Analog Machine Monitoring, Devices (ex.: torque drivers)  
Proxying as process engineer for customers and empowered improvements through the use of the platform  
Driving product and engineering through feature requests & bug submission with focus on customer base's needs

GAP Multimedia, Milan, IT Software Engineer May 2018 - November 2018

Developed responsive webpages using modern frameworks (Angular)  
Integrated Progressive Web App elements (IndexedDB, Web Push Notifications) into existing webpages

ALTA Motors, San Francisco, CA Mechanical Engineer May 2015 - Dec 2017

Ideated, designed, sourced and assembled custom motor dynamometer (testbed for R&D and production testing of electric drivetrain)  
Developed assembly workflows, manuals and quality control checks for main line bike assembly  
Designed and fabricated manufacturing and test fixtures, hand tools and power tool adapters used in assembly  
Performed first-article quality inspections, supplier network auditing/development and CRM beta tester

BMW, Spartanburg, SC Industrial Engineer Co-Op Jan 2014 - Jun 2014

Assisted in launching training program for senior body shop operators on Continuous Improvement

ES3, Keene, NH Supply Chain Analysis Co-Op Jan 2013 - Jun 2013

Generated reports ad-hoc for management on potential route improvements for outbound logistics

Pirelli, Burton-Upon-Trent, UK Manufacturing Intern May 2012 - Aug 2012

Performed research project investigating replacing cardboard boxes with plastic multi-use and multi-directional plastic containers for curing bladders (tire manufacturing component)

## TECHNICAL SKILLS

**Software Engineering:** Javascript ES6 (with modern frameworks), Ruby, CSS (Sass), git, SQL  
**Mechanical Engineering:** Advanced 3D Part Modeling, Assembly Management, 2D Drawing (GD&T)  
**Industrial Engineering:** Continuous Improvement, Manufacturing Processes Knowledge, Supply Chain

## OTHER

**Languages:** Native in Italian and English (dual citizen), fluent in Spanish and French  
**Interests:** Bicycling (hobbyist frame builder), photography, sailing and motorcycling