

Giovanni Carrara

54A Garfield Street
Cambridge, MA 02138

+1 (215) 837-5180
carrara.g@gmail.com

EDUCATION

- LeWagon**, Milan, IT Fullstack Web Development May 2018
Web Development with focus in; 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
- Led multiple customers from pre-sales to successful deploy of manufacturing Tulip Manufacturing App Platform
 - Data integrations: SQL databases & ERPs (including custom HTTP server-side scripts)
 - Machinery integrations: CNC lathe (OPC/UA), Analog Machine Monitoring (GPIO), and Zebra Printer (Ethernet)
 - Acted as process engineer for customers and empowered improvements through use of Tulip
- 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 motors)
 - 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

ABOUT

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