

Giovanni Carrara

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EDUCATION

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| <u>LeWagon</u> , Milan, IT | Fullstack Web Development | May 2018 |
| Web Development with focus in; HTML, Javascript ES2015, CSS (Sass), SQL, git, GitHub & React | | |
| <u>Northeastern University</u> , 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

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| <u>Tulip Interfaces</u> , Somerville, MA | Customer Success Engineer | November 2018 - Present |
| <ul style="list-style-type: none">- 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 | | |
| <u>GAP Multimedia</u> , Milan, IT | Software Engineer | May 2018 - November 2018 |
| <ul style="list-style-type: none">- Developed responsive webpages using modern frameworks (Angular)- Integrated Progressive Web App elements (IndexedDB, Web Push Notifications) into existing webpages | | |
| <u>ALTA Motors</u> , San Francisco, CA | Mechanical Engineer | May 2015 - Dec 2017 |
| <ul style="list-style-type: none">- 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 | | |
| <u>BMW</u> , Spartanburg, SC | Industrial Engineer Co-Op | Jan 2014 - Jun 2014 |
| <ul style="list-style-type: none">- Assisted in launching training program for senior body shop operators on Continuous Improvement | | |
| <u>ES3</u> , Keene, NH | Supply Chain Analysis Co-Op | Jan 2013 - Jun 2013 |
| <ul style="list-style-type: none">- Generated reports ad-hoc for management on potential route improvements for outbound logistics | | |
| <u>Pirelli</u> , Burton-Upon-Trent, UK | Manufacturing Intern | May 2012 - Aug 2012 |
| <ul style="list-style-type: none">- 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