Giovanni Carrara

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EDUCATION

LeWagon, Milan, IT   BSc in Industrial Engineering   May 2018

    9-week coding bootcamp learning HTML, CSS, Javascript ES2015, 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 (custom HTTP server-side scripts)
  - Machinery integrations: CNC lathe (OPC/UA), Analog Machine Monitoring (GPIO), and Zebra Printer (Ethernet)

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

- Developed responsive webpages using modern technologies and frameworks
- 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 used for R&D and production sampling of motorcycle drivetrain)
- Developed assembly workflows, manuals and quality control checks for main line bike assembly
- Designed and fabricated manufacturing fixtures, hand tools and adapters for power tools used throughout assembly plant
- 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 to shift from using single use cardboard shipping container to multi-directional and multi-use plastic container for key component used in tire manufacturing process

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, photography, sailing and motorcycling