

Richard Ward

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Skilled and highly motivated senior supply chain analyst seeking new and challenging opportunities to tackle complex problems, make an impact and continue growing into greater leadership roles.

EDUCATION

<u>University of Zaragoza, ZLC (MIT-Zaragoza International Logistics Program), Zaragoza, Spain</u>	Expected May 2019
Master of Engineering in Logistics and Supply Chain Management (ZLOG)	
<u>MIT Global SCALE Network, Cambridge, USA</u>	Expected May 2019
Graduate Certificate in Logistics and Supply Chain Management	
<u>The American University of Paris, Paris, France</u>	Aug 2012 – Dec 2014
Bachelor of Arts in Philosophy, Politics and Economics	
Dean's list of academic excellence, Cum Laude honors GPA, Dept. Honors awarded for undergraduate thesis	

WORK EXPERIENCE

<u>College Board</u> , College readiness assessment distributor (supply chain startup), Reston, VA, USA	Aug 2017 – Aug 2018
Team Lead – Supply Chain Analytics and IT Cloud-Ops team of 15	Oct 2017 – Aug 2017

- Lead a team of 15 to implement an ad hoc order management system and managed 1,500,000 student orders in an Agile framework. System went live in January 2017 successfully led to \$50,000,000 worth of orders.

- Established policies in collaboration with a team of 30 people to minimize potential system errors

Material Planning Analyst	Aug 2017 – Oct 2017
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- Implemented first demand forecasting models (Holt & regression); designed item number nomenclature; built first BOMs, designed item categories & hierarchies; coded two algorithms currently used in ERP system.

- Created max flow algorithm to allocate orders based on vendor capacity constraints and customer's geography reducing transportation cost by 11% in first year (\$120,000)

- Created bundle optimizing algorithm to allocate a mix of bundle sizes per SKU per order to minimize excess material sent; reduction of excess material sent to 0.6% from historical 13% resulting in \$54,000 cost savings in first year of use

<u>Health Services Engineering (part-time)</u> , Healthcare consulting, San Diego, CA, USA	Aug 2015 – present
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Sr. Consultant and Data Analyst

- Analyzed customer data on a variety of healthcare projects, optimized staffing schedules, improved patient care, and set decision-making foundation for changes to solve client-specific problems, yielding \$200,000 per year in inventory savings.

<u>St. Onge Company</u> , Supply Chain Consulting, York, PA, USA	Apr 2015 – Aug 2017
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Project Engineer/Data analyst

- Conducted over 20 projects with an aggregate value of \$6,000,000

- Analyzed the current state of a client's supply chain to address a specific client concern utilizing Six Sigma & Lean methodologies

- Analyzed client data, liaised with the client, conducted analyses and recommended best-in-class solutions unique to each project.

- Projects are conducted on a three - five-month schedule culminating in a recommendation tailored to eradicate an inefficiency or implement an optimal solution.

ADDITIONAL

- Professional fluency in English, French and Arabic. Intermediate proficiency in Spanish
- Software skills: Excel, Access, SQL, VBA, Python, SAS, AMPL, AnyLogic, LogicNetPlus, LLamasoft, Arena
- United States Citizen
- MIT Supply Chain bootcamp August 2017: courses taken on supply chain risk, resilience, dynamics, 3D printing, transportation modelling and entrepreneurship
- MIT Artificial Intelligence: Applications for Business Strategy Short Course Certification
- MITx EDx supply chain micro-masters three out of five courses completed as a verified student
- Rolex young enterprise award top 250 – supply chain design point of care blood testing for Ebola epidemic
- Competitive athlete internationally for 7 years (Judo & Jiu Jitsu)