

Tyler C. Hassenpflug

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EDUCATION

- 2015-present **TUFTS UNIVERSITY** **Medford, MA**
Master of Science in Chemical and Biological Engineering- Focus in Engineering Management and Data Analytics.
Engineers Without Borders, Consulting Club, Entrepreneur Club, Undergraduate Guest Lecturer (3.85 GPA)
• Won Entrepreneurship & Strategy medical device pitch competition (2018)
- THE COLLEGE OF SAINT ROSE** **Albany, NY**
BA in BioChemistry
Saint Rose Research Award, Club Soccer Co-captain, Published in Undergraduate Research Journal
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EXPERIENCE

- 2017-Current **CG CONSULTING** **Boston, MA**
Management Consultant (part-time)
• Developed and implemented business strategy for life science start-up and tech company centered on using to advanced automation for optimization, safety and regulatory compliance.
• Advised pivot from diagnostics to predictive analytics and data product for food safety and compliance industry.
• Executed market research, competitive intelligence strategy and business development in target markets.
- 2017-2019 **NOVO NORDISK** **West Lebanon, NH**
Project Specialist II, Project Management
• Led teams of 10-20 people on 12 projects over two years for both capital and expense projects (up to \$5M).
• Established KPIs to reduce waste and increase operational efficiencies resulting in savings of \$250K annually.
• Managed site shutdown of manufacturing suites, overseeing 30 project managers and coordinating 117 projects to save approximately \$400K and deliver a 20%-time reduction from the previous year on projects totaling over \$3M.
• Directed a team of 12 for a software upgrade project across sites in the US, Denmark and India over 10 months.
• Facilitated transfer and start-up of manufacturing and business process changes from facilities in Denmark to US sites for a product with an estimated market value of \$2B.
- 2015-2017 **DPS ENGINEERING** **Framingham, MA**
Process Engineer, Process Engineering, Consultant for Moderna Therapeutics
• Oversaw part of an engineering team to fully design, build, commission and qualify a state-of-the-art \$110M/200K square foot clinical and commercial manufacturing facility.
• Calculated and analyzed inputs and outputs for scale up of highly innovative biotech manufacturing process.
Project Manager/Senior Process Engineer, Consultant for Astra Zeneca
• Tracked and analyzed profit and loss statements on a per-project basis all production funding related to original programming in order to provide annual budget and quarterly forecasts.
• Led teams of 10-15 on multi-functional manufacturing projects in changeover reduction, yield improvement, OEE improvement and waste reduction that resulted in savings of greater than \$500K annually.
- 2014-2015 **ICQ CONSULTING** **Framingham, MA**
Consultant I-II, Life Science Consulting, Fast track promotion after six months
• Developed strategic improvements resulting in a 30% reduction of processing time, saving over \$600K annually.
• Collaborated directly with contractors and vendors for key projects totaling over \$2.4M.
- 2010-2014 **REGENERON PHARMACEUTICALS** **Rensselaer, NY**
Biotechnology Specialist, Clinical and Commercial Manufacturing
• Co-managed technology transfer from development to large-scale manufacturing for medications now grossing over \$5.2B annually.
• Coordinated operations for optimization of manufacturing process controls and parameters, yielding an estimated 15% increase in process yield on single product.
• Recognized and presented with the Regeneron Safety Award for the design, development and implementation of a new raw material that reduced both operational cost by \$175K annually and safety risk for manufacturing personnel.
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SKILLS

- Audited classes at the Tuck of School of Business at Dartmouth: Data Analytics, Corporate Finance, Business Ethics
 - Tableau, Microsoft Project, SQL, Python, Data Analysis, MATLAB, Agile, PMBOK
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PERSONAL

- Four-time Cycle for Survival Volunteer Team Lead – 2nd highest grossing single bike in city of Boston 2016
- US National Park Devotee (25 parks and counting), Triathlete, Competitive rock climber, Guitar enthusiast