JORDAN A. MEYER

Greater New York City Area   **217.840.5651**
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CHEMICAL ENGINEERING, DATA SCIENCE, CONTINUAL LEARNING

Leverage extensive engineering and data science skills to automate and optimize processes and to make data driven decisions. Manage R&D innovation and continuous improvement projects that meet requirements and exceed expectations.

Modelling and Simulation | Project Management | Communication | Data Analytics |

PROFESSIONAL EXPERIENCE

UNILEVER FOOD SOLUTIONS, Englewood Cliffs, NJ   **2016 – Present**
Senior Engineer, Digital Transformation   **2019 – Present**
Led the creation of the North American digital R&D program through development of automation and repetitive task reduction applications. Built network with global R&D center and regional R&D/Supply Chain teams to create various simulation models to reduce testing and increase speed to market.
- Developed a shelf life logistic regression model enabling product developers to input formulation and pack and predict finished product shelf life with associated confidence level to avoid testing and visualize impact of changes.
- Established processing rules and decision tree algorithms to distill process development for all dressings and savory products, enabling product developers to quickly prototype, embracing agile and flex practices.
- Championed cross functional 5S program in North American Food Solutions team overdelivering **1.5 million euro** bottom line improvements through alternate supplier qualifications and negotiations, reformulations, waste reductions, strategic pricing and cost allocation.

Process Engineer, Digital Transformation   **2018 – 2019**
Led the creation of the North American digital R&D program through development of automation and repetitive task reduction applications. Built network with global R&D center and regional R&D/Supply Chain teams to create various simulation models to reduce testing and increase speed to market.
- Performed 5S category portfolio-mix analyses, reviewing pack, formulation, sourcing, pricing, discounting and promotions year over year to identify over 2 million euros in potential savings projects and harmonization efficiency opportunities.
- Developed tools to equip product developers with ability to find product and ingredient pricing and claims information by reducing the number of searches and time spent gathering data from hours daily to seconds.

Process Engineer   **2016 – 2018**
Achieved a 100% OTIF (on-time in-full) delivery of R&D Process Engineering activities and managed capability trials, by making strategic decisions, through collaboration and strong relationship development with suppliers, manufacturers and R&D partners; enabling harmonization of ingredients and packing materials as well as supply chain efficiency improvements
- Led R&D product and process development through full scale commercialization, of Hellmann's & Best Foods Ketchup with Honey and Yellow Mustard, for Unilever Food Solutions, as Technical Project Leader.
- Developed new shelf life program with a new method of data collection, automated analysis and reporting cutting time investment from 1-2 hours weekly to 5 minutes.

DUPONT NUTRITION & HEALTH, Gibson City, IL   **2014 – 2016**

Process Technology Engineer
Analyzed process, quality and yield on stream time daily and providing support for all extrusion, packaging, lecithin and soybean oil separation operations. Facilitate open communication between operations, maintenance and quality departments.

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Process Technology Engineer (Continued)

- Captured over $500M annual recurring Pre-tax Operating Income (PTOI), and other initiatives, improving quality and increasing yield of TSPC over 10% by leading multiple continuous improvement projects using six sigma methodologies.
- Developed and maintained current technology documentation ranging from process flow diagrams, Programmable Logic Controllers (PLCs), process chemistry, operating conditions and consequences, certifying plant compliance with corporate requirements.

PL DEVELOPMENTS, Westbury, NY   **2012 – 2014**

Validation Specialist

Led all validation testing of IQ, OQ, PQ, commissioning, cleaning validation for equipment, processes, computer systems and site utilities as well as all Corrective and Preventative Actions.

AKORN INC. (formerly Hi-Tech Pharmacal), Amityville, NY   **2011 – 2012**

Validation Specialist, Equipment Qualification, Cleaning Qualification

Drafted and conducted qualification testing for all laboratory and production equipment.

UNIVERSITY OF RHODE ISLAND, Pharmacy Department, Kingston, RI   **2009 – 2011**

Researcher

EDUCATION

Bachelor of Science (BS), Chemical Engineering, University of Rhode Island, Kingston, RI   **2011**

TECHNICAL SKILLS

Python, Pandas, SciPy, NumPy, PyPlot, SciKitLearn, Matplotlib, SQL, JSON, APIs, Anaconda, Spyder, Jupyter (iPython), Neural Networks, TensorFlow, Keras, Excel, MATLAB, HTML5/CSS, Minitab, JavaScript, JQuery, Unix, Microsoft PowerApps

ENGINEERING SKILLS

Machine Learning, Predictive Modeling, Linear/multiple/polynomial Regression, Logistic Regression, Classifier Systems, Recommender Systems, Neural Networks, Deep Learning, Clustering, Segmentation, Data Analysis, Data Visualization, Database Systems, Data Cleaning, Heat Transfer, Product Research And Development, Statistical Process Control, Process Improvement, Lean Manufacturing, Extrusion, Centrifugation, Data Analytics, Automation And Process Controls, Optimization, Process Development And Scaleup

PROFESSIONAL DEVELOPMENT

Deep Learning Specialization, a 5-course specialization on Coursera
    Verification – https://coursera.org/verify/specialization/RG7NS3PLUWB6
IBM Data Science Specialization, a 9-course specialization on Coursera
    Verification – https://coursera.org/verify/professional-cert/KN9ZYMJZMA5Z
Front End Web Developer Certification, Free Code Camp
    Verification - https://www.freecodecamp.org/certification/jmdatasci/legacy-front-end
Six Sigma Green Belt (SSGB)
Process Hazard Analysis (PHA)
Process Safety and Risk Management (PSM)
Hazard Analysis of Critical Control Points (HACCP)
ASQ Certified Quality Process Analyst – Certification Number 1522