Axel Freund

Cell Phone: 747-252-3211 | axel.henning.freund@gmail.com | 10442 Balboa Blvd, Granada Hills, CA 91344

LinkedIn: linkedin.com/in/axel-freund

Education	**M.S. Manufacturing Systems Engineering** **Specialization: Automation and CAD/CAM** California State University Northridge (CSUN)	Expected May 2021
	M.S., Business Management and Engineering **Major: Environmental and Process Engineering** **Minor: Entrepreneurship & Strategic and International Management** Technical University Kaiserslautern (Kaiserslautern, Germany)	October 2018
	B.S., Business Management and Engineering, **Major: Environmental and Process Engineering** Technical University Kaiserslautern (Kaiserslautern, Germany) Semester abroad in Istanbul, Turkey and Wuhan, China	October 2016

Work Experience

Processing Operations
Mountaire Farms
(Millsboro, USA)

June 2020 – July 2020

- Conduct audits and make recommendations to verify that the operation follows best practices.
- Develop/Facilitate best processing practices and training for first line supervisors and employees.
- Conduct audits and analysis of water retention in carcasses during the chilling process to identify potential opportunities and/or savings.
- Evaluate the total amounts of anti-microbial chemical that is being used is adequate for process and equipment.
- Evaluate the training materials and procedures for chilling system process.

Parts Pricing Marketing Analyst
John Deere, European Parts Distribution Center
(Bruchsal, Germany)

November 2018 – October 2019

- Developed and employed pricing models to measure a product's profitability
- Eliminated communication gap between the marketing department and multiple John Deere factories
- Resolved significant problems associated with pricing all spare parts as well as dealer price inquiries for Europe, Russia, North Africa, and the Middle East
- Increased shareholder value by more than €500K through cost-price ratio analysis

Strategic Planner
John Deere, European Technology Innovation Center
(Kaiserslautern, Germany)

November
2017 – April
2018

- Collaborated with farmers, dealers, and internal stakeholders to develop business proposals for the company to meet and exceed quality expectations
- Designed and introduced a new business model for John Deere with a focus on Precision Farming (Agriculture 4.0)
- Reduced department's expenses by applying SAP to analyze cost data expectations
- Developed training for departmental interns to facilitate learning

Internship Experience

Fluid Mechanics Engineer and Research Analyst
Department of Mechatronics at Jianghan University
(Wuhan, China)

October
2015 – April
2016

- Implemented CAD for creating blades used in CFD(Computational Fluid Dynamics)
- Led an experimental and numerical investigation of a cascade consisting of circular arc blades with constant thickness
- Reduced drag of blades used in pumps and turbines by experimentally measuring the loss coefficient using a wind tunnel
- Achieved optimal blade constellation for minimal drag

Project Management

- Led a group project in Robotics and Programmable Automation to manufacture a pick and place robot
- Utilized CAD and 3D print to redesign different Ikea furniture in collaboration with a team

Industry Knowledge

- CATIAv6 CAD, Arduino(Automation), SAP MRP, Matlab, CFD, Power BI, Java, SQL, Microsoft Office, Excel Pivot Tables
- ISO 9001/9002, Just in Time (JIT), Kanban Inventory, Macro, 5S

Language Skills

- English: Full professional working proficiency
- German: Native language
- Mandarin (Chinese) and French: Basics