

JEANNINE BASTARD

CONTACT

Email: annejeanninej@gmail.com

Phone: 07445317715

Linkedin: [jeannine-bastard-47b01b198](https://www.linkedin.com/in/jeannine-bastard-47b01b198)

Website: jeanninebastard.com

EDUCATION

BSc Hons Product Design Engineering
with a year of Professional Practice
Brunel University

Green Belt Six Sigma
The Manufacturing Institute

SKILLS

- Problem Solving & Data Analysis
- Mathematics
- Microsoft Office
- CFD and FEA simulations
- Computer Aided Design (CAD)
- AI & Machine Learning Fundamentals
- System Architecture
- Programming (Python, C)
- Project Planning & Task Management
- Technical Documentation & Reporting
- Communication & Cross-Team Collaboration
- Adaptability & Continuous Learning
- Self motivated

CERTIFICATIONS

Full UK Driving License
with access to own vehicle

Motorbike License

IEUK Technology (2020 &2023)

Canine First Responder

Canine Toxicology - Approaching pet poisonings

Official Weightlifting Judge

PROFESSIONAL SUMMARY

With an understanding in engineering, data analysis and holistic design, I have successfully implemented machine automation processes and predictive quality analysis into an environment where this has not previously been an option. Skilled in Python, and Excel, I have enabled the progression of automation technology and driving actionable insights to drive business growth.

My strong communication skills enable effective collaboration and integration of AI-driven solutions into workflows. Adaptable and innovative, I stay ahead of emerging technologies, bringing a dynamic approach to solving complex challenges in fast-paced and 24/7 based environments.

CAREER MILESTONE

Global Sustainability Strategy

With new regulations taking effect, the company recognised the need to develop a comprehensive strategy for implementing new procedures and KPIs to achieve Net Zero goals. In response, I, alongside a senior colleague, initiated and led a small team dedicated to building a technical understanding of policy adherence and emerging green initiatives.

As Otter Controls is a global manufacturing firm, this project required an in-depth understanding of diverse cultural and legislative frameworks to ensure that sustainability measures were both effective and actionable across different regions.

Our team's analysis, research, and presentation were approved by company directors, leading to the successful implementation of our strategy. This initiative has already enhanced employees' awareness of carbon impact and sustainability practices.

By conducting a deep analysis of market trends and regulatory requirements, we have expanded the company's knowledge base and strengthened communication with operations managers worldwide. Additionally, this process has deepened my technical expertise in evaluating material composition data sheets and understanding their properties in relation to their environment for production.

EXPERIENCE

Current Employment: Engineer, Otter Controls

Achievements:

- Currently designing and implementing dashboards that enable real-time monitoring, improved reporting, and enhanced strategic decision-making.
- Conducted extensive research on AI systems to identify innovative solutions for process optimisation, data-driven decision-making, and the application of engineering principles.
- Applied DMAIC and FMEA methodologies to proactively identify potential design flaws, assess risks, and improve the reliability of systems.
- Collaborated with cross-functional teams, leveraging engineering simulation analysis to predict system performance, evaluate design alternatives, and ensure seamless process execution.
- Demonstrated strong communication skills, working with diverse teams to address operational challenges.
- Developed a solid understanding of Microsoft Dynamics, focusing on its integration capabilities to extract actionable insights from data.
- Excelled in a fast-paced environment, managing multiple tasks efficiently while maintaining a high level of organization and productivity.
- Pioneered a sustainable strategy for the company group-wide, implementing sustainable practices and cost-reduction strategies, while applying engineering methods to ensure long-term impact.

Sippen, Entrepreneurial Pursuit with CRL, Hayes | July 2021 - July 2023

Achievements:

- Developed a prototype for an automatic cocktail machine, integrating electrical engineering, business management, and sustainability principles.
- Adapted business strategies and explored new target markets, ensuring competitive advantage.
- Ensured compliance with industry safety standards, aligning product development with regulatory requirements.
- Engaged with investors, product designers, and industry experts to refine product-market fit.

Dog Walker and Sitter, Bark Buddies, Chiswick | July 2021 - September 2022

Achievements:

- Self-managed time effectively to accommodate the needs of customers while ensuring the highest standard of care for their dogs.
- Completed additional courses outside the role to enhance safety knowledge and deepen my understanding of canine care.
- Adapted to a variety of dog breeds and temperaments, tailoring care approaches to individual needs, including exercise routines and behavioral support.
- Maintained clear and professional communication with owners, providing updates and addressing any concerns to build trust and reliability.

Engineer Intern, Rolls-Royce, Derby, 2018

Achievements:

- By actively engaging in various departments, I gained valuable first-hand experience of the workplace through different employee roles.
- Performing diverse tasks such as metal bending and operating the computer system responsible for analysing civil large engines and also securing bolts into place with floor workers.
- Through effective communication with colleagues across different departments, I not only exchanged valuable insights but also developed a deep appreciation for their expertise and admiration for the company as a whole.