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| Hayden Bussard | Ocean Township, NJ ▪ 412-722-7076  haydenbussard@outlook.com ▪ haydenbussard.com |
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Analytical professional with engineering background and advanced proficiency in Python, Power BI, and SQL. Certified in Microsoft Power BI Data Analyst (PL-300) and Azure Data Fundamentals (DP-900). Experienced in building automated and predictive models for eight different sports. Well-versed in business and financial analysis through independent research/hobby.

Areas of Expertise

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| * Data Analytics * Engineering Design * New Business Development * Customer/Vendor Relationships | * Project Management * Technical Communication * Collaboration * Adaptability | * Requirements Analysis * Budgeting & Forecasting * Rapid Prototyping * Industry Insight |

**Professional Experience**

**Westinghouse Electric Company, Pittsburgh, PA 04/2019 – 11/2024**

**Mechanical Engineer**

Conducted various reactor and nuclear fuel services across nine unique PWR power plants domestically and internationally. Developed new and upgraded equipment per customers’ unique needs.

* Led critical issue management for 5 concurrent projects during customer outage, serving as the sole liaison between the customer and company, ensuring rapid issue resolution and project progression, ultimately facilitating timely plant restart.
* Managed teams of technicians under high-stress environments to error-free scope completion.
* Designed an irradiated waste consolidation system that improved storage limitations and extended reactor life expectancy by at least 1.5 years.
* Drove projects from concept to field application/installation on tight deadlines.
* Ensured personnel safety by planning and performing rigorous equipment testing prior to shipping equipment to site.

**Key Projects**

* Engineered a system to convert Cobalt 59 to Cobalt 60, addressing critical supply shortages in medical sterilization for pharmaceutical products and surgical supplies.
* Modified a training facility to incorporate the unique machines and tooling necessary to conduct training for Westinghouse’s new AP1000 reactor units.

**Education & Credentials**

**Bachelor of Science (BSc) Mechanical Engineering***University of Pittsburgh, Pittsburgh, PA*

**Patents**

**Mechanical System for Removal of Highly Radioactive Cobalt-60 Capsules from Metallic Rods**

*Patent Pending*

**Licenses & Certifications**

**Nuclear Engineering Certificate**

*University of Pittsburgh, Pittsburgh, PA*

**Power BI Data Analyst Associate (PL-300)**

*Microsoft | March 2025*

**Azure Data Fundamentals (DP-900)**

*Microsoft | April 2025*

**Technical Proficiencies**

MS Office, Power BI, Python, SQL, PowerQuery, MS Azure, SAP, Autodesk Inventor, SolidWorks