
Travis Horesh

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PROFILE

I currently support reporting and analytics efforts for Duke Energy's Infrastructure Engagement teams in North Carolina and South Carolina.

My career experience spans several facets of the power generation and regulated electric utility industries. Additionally, I pursued a passion and achieved a refresh of perspective through a brief stint working in specialty coffee.

With a detail-oriented, technical mindset, I am the investigator that won't stop until the best solution is identified and the problem is solved. I'm an adventurer eager to be challenged by new things outside my comfort zone. I also strive to be a trusted advisor that can provide meaningful, honest information, feedback, and help for others.

And, that work ethic and personality is built on a foundation of trustworthiness, helpfulness and generosity, dedication to high-quality, meaningful work, and humility in all that I do.

PROFESSIONAL EXPERIENCE

Business and Technical Consultant - *Duke Energy - Charlotte, NC*

SEPTEMBER 2023 - PRESENT

- Supporting data, analytics, reporting, and other needs for the Carolinas (NC and SC) Infrastructure Engagement teams
 - I help management to effectively communicate the scope and impact of grid improvement work throughout the Carolinas

Data Science Consultant - *Duke Energy - Charlotte, NC*

OCTOBER 2020 - AUGUST 2023

- Business Intelligence team member supporting Integrated Grid Strategy and Solutions
 - Serve as a consultant and advisor to various lines of business; able to speak their language and translate requests and requirements into datasets, reports, dashboards, and visualizations
 - Helped develop and drive standardization of internal processes and documentation
 - Provided support and input for data architecture, migration, and archiving activities

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- Program and project experience includes:
 - Billing-based clean energy programs for residential and non-residential customers
 - Team and department-level financial performance
 - Transportation Electrification programs, such as electric vehicle adoption
 - Development and implementation of SAS code for lottery-based customer incentives
 - Implementation of version control practices to promote collaboration and data integrity
 - Applications and Platforms used:
 - Power Apps, Power Automate, Power BI
 - SQL Server Management Studio, HANA Studio, SAS Enterprise Guide
 - DAX, SQL, SAS

Senior Audit Consultant - *Duke Energy - Charlotte, NC*

JANUARY 2015 - MARCH 2018, MARCH 2019 - SEPTEMBER 2020

- Assisted with the planning, coordination, and execution of internal operational audits across a variety of fields and audit teams. Served as the team lead for data analytics on multiple audits, which included preparation of SQL query requests and the creation of visualizations. Served as an audit software administrator for the department. Also led or contributed to multiple initiatives to improve department operations.
- Audit experience includes:
 - Project Management and Controls, Electric Power Transmission and Distribution, Fossil, Hydro, and Nuclear Power Generation, Renewables Data Analysis and Reporting, Customer Systems, Natural Gas Operations, and Environmental, Health, and Safety
- Initiative experience includes:
 - Employee Onboarding, Human Performance, and Internal Quality Review
 - Led planning and execution of annual Department Volunteer Event and Operational Training

Service Engineer II - *Babcock & Wilcox - Charlotte, NC*

JANUARY 2009 - DECEMBER 2014

- Provided on-site technical assistance, inspection services, engineering support, and project coordination, both as an individual and as part of a team, for a variety of power generation projects (boilers/pressure parts, air quality control systems, fuel-preparation, combustion equipment, etc.)
 - Lead engineer on several major boiler conversion and retrofit projects
 - Lead technical adviser for construction & commissioning of an industrial Wet Flue Gas Desulfurization system in Chile; also provided training and operations support to plant engineers and technicians to optimize performance of the equipment and process
 - Lead engineer on an 8 month, multi-million dollar Wet Flue Gas Desulfurization retrofit project that significantly improved SO₂ removal efficiency and system reliability
 - Prepared and managed proposals for several routine replacement equipment projects

Engineering Intern - *Lincoln Electric - Euclid, OH*

MAY 2007 - AUGUST 2007, MAY 2008 - AUGUST 2008

EDUCATION

UNC Charlotte - Charlotte, NC - *Engineering Management (MSc.)*

AUGUST 2023 - PRESENT

- Energy Analytics Concentration

University of Dayton - Dayton, OH - *Mechanical Engineering Technology*

AUGUST 2005 - DECEMBER 2008

- Graduated Cum Laude with an overall GPA of 3.6

Cornell University (eCornell, online subsidiary) - *Certificate in Project Leadership*

SEPTEMBER 2014 - DECEMBER 2014

CERTIFICATIONS & SKILLS

- **Project Management Institute** - Project Management Professional
 - PMP Number - 1956825
- **Eagle Scout** - Boy Scouts of America (2004)
- Agile project management
- Business Intelligence, Data Analytics, and Data Visualization using Excel, SQL, SAP HANA, Power BI, and SAS
- Familiarity with Tableau and Google Data Studio
- Basic R knowledge
- Technical and Business Writing - extensive experience with inspection reports, project status reports, project documentation, audit documentation, process documentation, etc.
- Communication and Coordination - handled customer and client interactions across organizational structures, from craft labor to senior management

PROFESSIONAL DEVELOPMENT

Leadership Development Network - Expanded and strengthened my relationships across Duke Energy and gained leadership experience as the Red Cross Blood Drive co-chair and as a Mentoring Committee chair and team member.

edX Professional Certificates

- [HarvardX Data Science](#) - 9 course program that covered concepts such as probability, inference, regression, and machine learning through use of R programming, data wrangling with dplyr, data visualization with ggplot2, file organization with Unix/Linux, version control with git and GitHub, and reproducible document preparation with RStudio
- **Microsoft Data Science Fundamentals** - 4 course program that included Analyzing and Visualizing Data with Power BI, Ethics and Law in Data and Analytics, and Analytics Storytelling for Impact

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Toastmasters – Worked towards the Competent Communicator award in order to improve my public speaking, presenting abilities, and impromptu speaking.

ETHOS – University of Dayton student organization that focuses on using inexpensive and sustainable technologies in developing countries to improve the standard of living. My first “service-learning” and foreign travel experience, events I’ll never forget and that continue to shape my personal and professional experiences.