

Brandon Kelley

Director of Systems, Dynamic Energy

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Experience

Director of Systems, Dynamic Energy

Feb 2023 - Present

Digital Transformation AI Enterprise Software Contract Negotiation Salesforce Procure Sage Ironclad

- Integrated LLMs and intelligent tools to create disruptive value in solar industry sales & operations.
- Managed mid-career staff and 30+ vendors to scope, implement, and integrate analytical software.
- Oversaw a \$1.6M budget and delivered a 34% reduction in infrastructure costs over 2 years.

Senior Analytics Engineer, Preston Ventures

Jul 2022 - Feb 2023

ETLs Microservices Pandas SQLAlchemy Alembic Docker Kubernetes AWS Github CI/CD

- Delivered semi-structured health analytics for increased accuracy in predictive policy valuations.
- Introduced structure and quality standards for design and development of connected data systems.

Data Scientist, Duke Energy Corporation

Apr 2021 - Jun 2022

Business Modeling Azure Synapse Pandas Jupyter Lab Apache Spark Azure Datalake IBM Maximo

- Deployed business intelligence solutions for large-scale solar operations & maintenance.
- Introduced systems to benchmark standard work speed and enable weekly reviews with a measured 30% reduction in non-standard work order volume in the first 3 months.
- Oversaw on-time delivery for 54MW of solar system monitoring installations, identifying scheduling conflicts in an innovative regression model applying Goldratt's Theory of Constraints.

Systems Analyst / Developer, REC Solar Commercial Corporation

Jun 2018 - Apr 2021

Continuous Improvement Agile REST APIs ETLs Azure SQL Server C# .NET Core Excel Power BI

- Regularly led exercises in trend analysis, data modeling, and automated reporting.
- Key projects: Change modeling in funded portfolios, predictive construction timelines.

Software Design Engineer I, Microsoft Corporation

Jun 2016 - Sep 2017

- Deployed tooling to crowdsource gold-standard transcription data, improving Cortana natural language processing by enabling increasingly complex feature parameterization.

Education

Professional Development, Skagit Valley College

Mar 2024 - Present

- Business Leadership
- Gender and Power
- Sustainability Fundamentals
- Global Issues and Social Sciences

Certification in Mechatronics, Everett Community College

Sep 2019 - Dec 2019

- Hydraulic and Pneumatic Systems
- Programmable Logic Controllers (PLCs)

B.S. Computer Engineering, California Polytechnic State University

Sep 2014 - Jun 2018

Computer Architecture Software Engineering Data Structures Statistics Digital Circuits Club Leadership

- Measured location security flaws in the LTE protocol as a student research assistant.
- Specialized in mixed reality environments, cognitive resource theory, anthropomorphism.

Community

Membership

Oct 2023 - Present

- Coupeville Chamber of Commerce
- Conservation Citizens Advisory Board

Volunteering

Oct 2023 - Present

- Coupeville Boys & Girls Club
- Coupeville Water Festival '13, '14, '24
- NW 1B/2B District 1 Track Championship
- Coupeville School District & Board