

# Brandon Micale Kelley

Director of Systems, Dynamic Energy

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## Experience

**Director of Systems**, Dynamic Energy Feb 2023 - Present

- I develop internal and external hires to build, deploy, and maintain analytical software
- I keep a pulse on solar industry strategy and create efficient operating procedures
- I conceptualize systems & integrations that provide a custom fit for business solutions

**Senior Analytics Engineer**, Preston Ventures Jul 2022 - Feb 2023

- Delivered semi-structured health and financial records to fuel predictive policy valuations
- Engaged in design and code reviews that boosted software engineering best practices

**Data Scientist**, Duke Energy Corporation Apr 2021 - Jun 2022

- 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 a regression model applying Goldratt's Theory of Constraints

**Systems Analyst / Developer**, REC Solar Commercial Corporation Jun 2018 - Apr 2021

- 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 transcriptions, which enabled increasingly complex parameterization for learning and evaluation of the Cortana speech service

## Community

**Volunteering** Oct 2023 - Present

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

**Membership** Oct 2023 - Present

- Coupeville Chamber of Commerce
- Coupeville School Board Attendee

## Education

**Assorted Courseware**, Skagit Valley College Mar 2024 - Present

- 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

- Digital Circuit Design
- Software Engineering
- Data Structures
- Measured location security flaws in the LTE protocol as a student research assistant
- Specialized in mixed reality environments, cognitive resource theory, anthropomorphism