

Brandon Micale Kelley

Director of Systems, Dynamic Energy

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Experience

Director of Systems, Dynamic Energy

Feb 2023 - Present

Management Budgeting Contracts Negotiation Salesforce Admin Continuous Improvement Agile

- 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

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

- Delivered semi-structured health and financial records to fuel predictive policy valuations
- Deployed big data modeling and automation solutions for analytical production processes
- Engaged in design and code reviews that boosted software engineering best practices

Data Scientist, Duke Energy Corporation

Apr 2021 - Jun 2022

Business Modeling Data Visualization Pandas Jupyter Lab Apache Spark Azure Datalake

- Managed 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

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

- Regularly led exercises in trend analysis, modeling, and automated reporting
- Maintained a normalized data model sourced from various business systems
- Key projects: Change modeling in funded portfolios, predictive construction timelines

Software Design Engineer I, Microsoft Corporation

Jun 2016 - Sep 2017

Software Engineering API Design JavaScript Bootstrap Azure App Service AWS Mechanical Turk

- Architected a speech transcription framework capable of walking a user through modular stages of transcript refinement
- Deployed tooling to crowdsource gold-standard transcriptions, which enabled increasingly complex parameterization for learning and evaluation of the Cortana speech service

Readings

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|--------------------------|------------------|---------------------------------|--------|
| • The Goal | Eliyahu Goldratt | Critical Chain Project Mgmt | © 1984 |
| • Factfulness | Hans Rosling | Health & Demographics | © 2018 |
| • Design Patterns | Gamma, et al. | Object-Oriented Software Design | © 1977 |

Education

B.S. Computer Engineering, California Polytechnic State University

Sep 2014 - Jun 2018

- Measured location security flaws in the LTE protocol as a student research assistant under Dr. Bruce DeBruhl
- Applied concepts in computational intelligence to stream Twitter API content, perform sentiment analysis with Tensorflow and deploy a simple bag of words model.