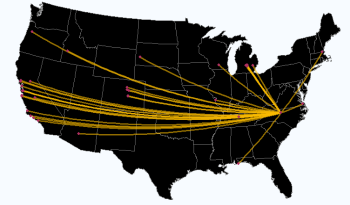


PHIL WALKER

I am a passionate and driven problem solver looking to directly apply my skills and experience in system thinking, statistical analysis and model development. Due to my strong interpersonal skills, I love partnering with stakeholders, empowering them improve production processes and reduce product variation.

I am an agile and practiced learner, having adapted to multiple new roles and industries. Within all of those roles, I constantly strive to produce actionable information for my customers



WORK EXPERIENCE

2020
|
2019

Business Analytics Consultant

Cone Health

📍 Greensboro, NC

- Developed tools, methodologies and documentation for analytics teams to better streamline analyses while increasing their capability to also be highly reproducible.
- Performed many types of analyses including: population health studies, partnering with researchers at UNCG to better meet the needs of the underserved communities, geospatial analyses to characterize potential market share captured, partnering with Lean Improvement team to improve throughput on our main hospital campus, developed forecasting models to help leaders prepare for fallout due to COVID-19
- Developed geospatial analyses to better characterize communities who are more vulnerable and whose needs aren't being met, allowing Cone to better prioritize their resources and meet the greatest need first

2019
|
2016

Sr Business Process Analyst

Jackson National Life

📍 Lansing, MI

- Lead Analyst within Operations developing actionable metrics and automated reporting for the Operations-wide Command Center. Partnered with multiple business units across Operations to develop data driven solutions to problems.
- Daily utilization of statistical programming in R/SAS to develop metrics, tools, reporting applications for multiple Operations customers.
- Served as internal Systems Administrator, increasing the accessibility and knowledge of SAS, R, Python, VBA, SQL to the entire analytics team. Provided mentorship to new users of analytics stack, deploying a knowledge base to reduce tribal knowledge and expose best practices to all end users within Operations

2015
|
2012

Process Engineer II

HGST, a Western Digital Company

📍 San Jose, CA

- Lead Process Engineer for five layers in CMP process in Class 100 clean room supporting 24/7 manufacturing. Daily use of statistical analysis and manufacturing automation to control and continually improve process capability. Lead engineer for in-situ wafer measurement and control.
- Daily utilization of SAS/SQL programming and statistical knowledge to develop and implement automated analysis systems for CMP Process Engineering and Equipment Engineering teams.
- Trainer and educator of current Advanced Process Control system for Process, Development, Equipment and Manufacturing teams. Provides process module development expertise for new process realities within the CMP process area.

RECENT PROJECTS

2020

Trusted 10 Survey tool

<https://sportasresearch.com/>

📍 Greensboro, NC

- Worked with a team of researchers to develop a tool to empower them to more effectively gather dynamic survey data
- Developed and deployed web application which is hosted and maintained by me that is used in multiple classrooms across multiple universities

CONTACT

✉ philwalker2012@gmail.com

🐦 [@phillyfrilz](https://twitter.com/phillyfrilz)

🔗 github.com/phildwalker

🌐 phildwalker.netlify.app

🌐 linkedin.com/in/philipwalker

SKILLS

Languages: R/RStudio, SQL, Git, SAS/Enterprise Guide, MS Office, Basics of Python, JIRA

Applications: Shiny, JMP, Minitab, Tableau, NICE IEX Workflow Management

Methodologies: Time Series Forecasting, Optimization, Automated Reporting, Metric/KPI development, Lean + Six Sigma manufacturing principles, Agile Development

EDUCATION

B.S. Industrial Engineering
M.E. Integrated Tech Mgmt
California Polytechnic St. Univ, SLO
Graduated: 2012 | GPA: 3.89

CERTIFICATES

DataCamp

- * Data Scientist with R
- * Machine Learning with R
- * Spatial Analysis
- * Network Analysis
- * Shiny Fundamentals

Made w/ [pagedown](#).

Source code:

github.com/phildwalker/cv

2020

● Rebuilt CDC's Social Vulnerability Index

https://github.com/phildwalker/gso_data

📍 Greensboro, NC

- Researched CDC's methodology for developing their Social Vulnerability Index and rebuilt it using the ACS to allow for higher degree of granularity

2020

● Process Mining 101'

<https://process-mapping-101.netlify.app>

📍 Greensboro, NC

- Wrote a book to provide a gentle introduction to process mining. Captures what I was learning
- developed to be a live work in progress and will be updated periodically

2019

|
2018

● Merit Bonus Optimization

Jackson National Life

📍 Lansing, MI

- Worked directly with department leadership and Senior Vice President to model associate performance and characterize the value of an associate's role to calculate merit and bonus for Operations. Deployed interactive tool to capture manager feedback and approvals, saving multiple weeks of management time and calibration efforts. Carefully handled sensitive data (PII) through pseudonymization. Worked closely with HR Compensation team to meet all legal and internal considerations.