

Philip Walker



7062 W Friendly Ave Unit B
Greensboro, NC 27410



philwalker2012@gmail.com



831-869-6929



linkedin.com/in/philipwalker

Education

B.S. Industrial Engineering
M.S. Industrial Engineering
California Polytechnic St. Univ, SLO
Gradated: 2012 | GPA:3.89

Skills

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

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

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

Extra-Curricular

*Leader & Organizer @ East Lansing
Ultimate Frisbee Association*
- Organized and grew local Ultimate
Frisbee organization.

*Pro-Bono Data Science assistance @
Impression 5 children's museum*
- Drove insights into improving
member retention.

*Founding Member @ Holy Spirit Young
Professionals*
- Found partners and resources
throughout local San Jose community
to develop a welcoming and
encouraging community.

*Author & Lab Coordinator @ Cal Poly
IME 223 Process Improvement
Fundamentals Lab Manual*

*Leadership team @ InterVarsity
Christian Fellowship*
- Grew safe communities for incoming
freshmen at Cal Poly and led new
leaders to develop and grow their
own communities.

About Me

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 to partner with stakeholders to help them improve production processes and reduce product variation.

Work Experience

- Since Jan'16 **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.
- Jul'12-Dec'15 **Process Engineer II @ HGST, a Western Digital Comp.** 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/ Achievements

- Jan'18/'19 **Merit Bonus Optimization @ Jackson National Life**
- Worked directly with department leadership and Senior Vice President to model associate performance and characterize the value of 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.
- Aug'18 **New Hire and Intern Onboarding @ Jackson National Life**
- Led development of interns through the design and implementation of an intensive on-boarding class to Operations and Operations Analytics. Transformed from an unstructured process to a 2 week process allowing for the new hires to make substantial contributions within their first month.
- Jul'17/'18 **Operations Budget Improvement @ Jackson National Life**
- Streamlined Operations budgeting process from a multi-month effort requiring 6 analysts to only two associates. Improved forecasting process and impact of long term planning decisions.
- 2017-'19 **Naming Convention Alignment @ Jackson National Life**
- Developed database for an internal governance structure of the processing data within Operations. Implementation cut development time in half for all subsequent projects by removing the need to capture and validate mapping data. Developed interface for end users to improve the quality of the results.