

FINNEGAN NGUYEN

TEAM LEAD, DATA OPERATIONS | DATA MANAGEMENT | DATA ANALYTICS

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|--------------------------|---|---------------------|--|
| PROFESSIONAL SUMMARY: | Strategic Data Operations Leader with a track record of leveraging statistics, machine learning, and automation to streamline workflows and drive business growth. Proficient in Python, SQL, and R, with hands-on experience improving data integrity, scaling ETL processes, and leading cross-functional teams. Adept at translating complex data challenges into actionable solutions, enhancing collaboration between technical and non-technical teams to implement lasting data governance frameworks. | | |
| SKILLS: | Programming: Python, SQL, R, Excel, HTML, JavaScript, C# Data Tools: MySQL, RStudio, Tableau, SPSS, Visual Studio, MATLAB, JIRA Specializations: Machine Learning, Data Modeling, Statistical Analysis, ETL, Data Governance Software/Apps: Bloomberg Terminal, Power Apps, Mathematica, Unity Leadership: Team Development, Project Management, Workflow Automation | | |
| PROFESSIONAL EXPERIENCE: | KBRA, New York, NY | Sep 2021 – Present | |
| | Team Lead, Data Operations, Technology (Mar 2023 – Present) | | |
| | <ul style="list-style-type: none">Led a team of 3 data professionals, achieving a 100% audit rate in the company’s top-performing quarter, contributing to \$75M in revenue.Developed Python and SQL workflows, cutting manual processing by 50% and saving 15 hours per week.Piloted LLM automation, cutting data validation errors by 20% and accelerating data extraction by 40%.Expanded data fields by 20%, introducing new taxonomies that supported product launches and website features, driving 15% revenue growth over two quarters through collaboration with Product and Engineering.Built and maintained 10 Power BI dashboards with DQ analysts, providing business insights into database trends. | | |
| | Technology Data Steward (Sep 2021 – Mar 2023) | | |
| | <ul style="list-style-type: none">Automated validation with Python and SQL, achieving 99% data accuracy and enhancing ETL pipelines.Established governance standards in collaboration with IT and business units, improving operational reliability. | | |
| | European Organization for Nuclear Research (CERN), Geneva, Switzerland | Jun 2017 – Aug 2017 | |
| | Data Analyst Intern | | |
| | <ul style="list-style-type: none">Analyzed 10K+ NASA data points, reducing collection time by three weeks using Python scripting.Published findings in Physical Review D, showcasing advanced R-based clustering techniques. (arxiv link) | | |
| | Manhattan College, Bronx, NY | Mar 2016 – May 2018 | |
| | Research Assistant (Sep 2016 – Jun 2017) | | |
| | <ul style="list-style-type: none">Applied ML to NSF research, improving signal accuracy and presenting results to non-technical audiences. | | |
| | Physics Lab Assistant (Mar 2016 – May 2018) | | |
| | <ul style="list-style-type: none">Maintained lab equipment and prepared sessions for 100+ students, ensuring seamless operations. | | |
| PROJECTS: | Visual Perception and Human Behavior Studies (Freelance) | May 2020 – Sep 2021 | |
| | <ul style="list-style-type: none">Built and deployed 20+ game-like experiments for The New School Psychology PhD students.Designed data pipelines, reducing manual work by 20 hours monthly and boosting efficiency by 25%. | | |
| | State Migration & Socioeconomic Data Dashboards (2005 – 2019) | Jun 2021 – Sep 2021 | |
| | <ul style="list-style-type: none">Leveraged Python and Tableau to visualize 15 years of socioeconomic and migration trends. (Dashboard) | | |
| EDUCATION: | Hunter College, New York, NY | May 2020 | |
| | M.A., Statistics & Applied Mathematics | | |
| | Manhattan College, Bronx, NY | May 2018 | |
| | B.S., Physics | | |
| CERTIFICATION | CDMP (In Progress), Python for Data Science and AI (Coursera), SQL for Data Science (Coursera) | | |