# Ben Bubnick

DATA SCIENCE · DATA CURATION · DATA INTEGRATION

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## Summary

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|---|---|
| **Database Design** | ETL/EDW design with SSIS/SQL/T-SQL/PostgreSQL in CI/CD pipeline |
| **SME/Utility Roles** | AI & Machine Learning, Data Curation/Wrangling & Integration |
| **Health Care Analytics** | HEDIS Measures & Tailored Analytics from EMR, HL7, 837, CMS, etc. |
| **Demonstrated Success** | Lab Services Award, Eminence and Excellence Award, Honey Badger |

## Experience

**Merative**                                                                                  *Jul. 2022 - Present*
DATA SCIENTIST                                                                                *Python, Azure, Postman*
Created testing framework and HIPAA pateint deidentification for ETL/Implementation on new data platform.

**IBM**                                                                                        *Jun. 2015 - Jul. 2022*

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|---|---|---|
| | ADVISORY DATA SCIENTIST | *Nov. 2021 - Jul. 2022* |
| *Promotion* | SENIOR DATA CURATION ARCHITECT | *Dec. 2020 - Nov. 2021* |
| | DATA CURATION ARCHITECT | *Nov. 2017 - Dec. 2020* |
| | SOFTWARE DEVELOPER | *Sep. 2016 - Nov. 2017* |
| | DATA SCIENTIST | *Nov. 2015 - Sep. 2016* |
| | DATA SCIENTIST CONSULTANT | *Jun. 2015 - Nov. 2015* |

Technical lead on delivery of Cognitive & AI led programs using diverse data sources, such as electronic health record data, insurance claims data, scheduling and financial data, social determinants of health data.

- Developed new data validation and review process that reduced total rework by 25%
- Reduced mapping rework by 45% with through new knowledge-driven initiatives
- Eliminated need for a $30,000 annual contract by developing data curation tool
- Reduced cost-per-hire by $5,210 by re-developing education program
- Managaed team of 12 remote data science contractors for 36 integration projects
- Created over 125 new knowledge base articles, making up 30% of the team's online content
- Developed automated data integration tool to cut out 28% unnecessary development time

**AmTrust Financial Services**                                                               *Mar. 2014 - Jun. 2015*
SOFTWARE ENGINEER                                               *VB.NET, ASP.NET, C#, CSS, Javascript, HTML5, SQL, PL/SQL*
Created multi-tier MVC components and web forms for commercial insurance policy generating software.

**PPG Industries**                                                                            *Apr. 2012 - Jun. 2013*
COLOR SCIENTIST                                                                     *VB.NET, C#, SQL, C++, FORTRAN*
Developed radiative transfer models, spectroscopic profile analysis, and cross-instrument correlation software.

**University of Cincinnati**                                                                  *Sep. 2006 - Sep. 2010*
RESEARCH ASSISTANT                                      *FORTRAN, IRAF, IDL, JMP, LabVIEW, Maple, Mathematica, PDL*
Gathered data in the short-wavelength, crossdispersed mode SXD on a 0.8–5.4 µm spectrograph at NASA IRTF.

## Education

| 2022 | **Certification**, Data Science[a] | *IBM* |
| 2015 | **Certification**, Data Science[b] | *Johns Hopkins University* |
| 2010 | **Master of Science**, Astrophysics[c] | *University of Cincinnati* |
| 2004 | **Bachelor of Fine Arts**, Printmaking[d] | *Ohio University* |