

# Ben Bubnick

DATA SCIENCE · DATA CURATION · DATA INTEGRATION

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## Summary

|                              |   |
|------------------------------|---|
| <b>Database Design</b>       | ETL/EDW design with SSIS/SQL/T-SQL/PostgreSQL in CI/CD pipeline   |
| <b>SME/Utility Roles</b>     | AI & Machine Learning, Data Curation/Wrangling & Integration      |
| <b>Big Data Platform</b>     | Python, Pig, Ruby, kafka, and Hive/Impala on Hadoop & Azure       |
| <b>Health Care Analytics</b> | HEDIS Measures & Tailored Analytics from EMR, HL7, 837, CMS, etc. |
| <b>Demonstrated Success</b>  | Lab Services Award, Eminence and Excellence Award, Honey Badger   |

## Experience

### Merative

DATA SCIENTIST

Jul. 2022 - Present

Python, Azure, Postman

Created testing framework and HIPAA patient deidentification for ETL/Implementation on new data platform.

### IBM

Jun. 2015 - Jul. 2022

Python, GoLang, Azure, Docker, SQL/Hive/Impala, Tableau, Ruby, Pig, kafka, Kibana, Hadoop/HDFS, Gradle, Spark, Perl

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
- Managed 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.

## Education

|      |  |
|------|--|
| 2022 | <b>Certification</b> , Data Science        |
| 2015 | <b>Certification</b> , Data Science        |
| 2010 | <b>Master of Science</b> , Astrophysics    |
| 2004 | <b>Bachelor of Fine Arts</b> , Printmaking |

IBM  
Johns Hopkins University  
University of Cincinnati  
Ohio University