Ben Bubnick

DATA SCIENCE · DATA CURATION · DATA INTEGRATION

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Summary

Results-driven Data Scientist with a strong background in software engineering and research, bringing extensive experience in the healthcare industry, AI, and cognitive-led transformation programs. Adept at leading cross-functional teams, optimizing processes, and developing innovative data-driven solutions. Strong communicator and mentor with a proven track record of delivering results on time and within budget.

Technical Skills

Data Processing & Analytics	SQL, PostgreSQL, Hive/Impala, Spark, kafka, Kibana, Gradle, Jenkins
Programming Languages	Python, GoLang, Ruby, Pig, Perl, VB.NET, ASP.NET, C#, C++, FORTRAN
Tools & Frameworks	Azure, Hadoop/HDFS, Postman, Pandas, NumPy, Scikit-learn, XGBoost

Certifications

2022	**Certification**, Data Science Professional		*IBM*
2015	**Certification**, Data Science		*Johns Hopkins University*

Experience

Arkos Health
Gilbert, Arizona (Remote)

SENIOR DATA ANALYST — *Jun. 2023 - Present*

Senior member of Product Data Analytics.

- Thing 1
- Thing 2

Merative, formerly IBM Watson Health
Cleveland, Ohio (Remote)

DATA SCIENTIST — *Jul. 2022 - Mar. 2023*

Technical lead on AI and Cognitive-led transformation programs.

- Led HIPAA patient deidentification project from 200+ million individual patients for content analytics
- Created testing framework for ETL & implementation processes on new data platform

IBM
Cleveland, Ohio

ADVISORY DATA SCIENTIST — *Nov. 2021 - Jul. 2022*

Technical lead on Cognitive & AI-led programs using diverse data sources.

- Created AI Surgical Scheduling Optimization tool currently evolving into new offering
- Led delivery on tailored analytics and reporting project for client administrative data

Promotion SENIOR DATA CURATION ARCHITECT — *Dec. 2020 - Nov. 2021*

Senior member of Data Onboarding & Governance.

- Developed clinical data integration of 100+ billion structured & semi-structured records
- Developed topic modelling project on nearly 6 million semi-structured provider notes data

Data Curation Architect
Nov. 2017 - Dec. 2020

Lead member of Data Onboarding & Governance.

- Managed multi-org enterprise integration with over 70 interconnected data sources
- Developed new data validation and review process that reduced total rework by 25%

Software Developer
Sep. 2016 - Nov. 2017

Technical delivery lead for client integrations.

- Reduced time spent on knowledge transfer by 80% by rewriting project documentation
- Eliminated need for a $30,000 annual contract by developing data curation tool

Data Scientist
Nov. 2015 - Sep. 2016

Technical delivery lead for client integrations.

- 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

Explorys, an IBM Company
Cleveland, Ohio

Data Scientist Consultant
Jun. 2015 - Nov. 2015

Developed data transformations and provided meaning to the data.

AmTrust Financial Services
Cleveland, Ohio

Software Engineer
Mar. 2014 - Jun. 2015

Developed MVC components and web forms for insurance policy software.

Other Experience

LORAIN COUNTY COMMUNITY COLLEGE, Elyria, OH, *Aug. 2016 - May. 2019*, **Adjunct Professor**, Taught physics lab course and astronomy lecture series.

PPG INDUSTRIES, Cleveland, Ohio, *Apr. 2012 - Jun. 2013*, **Color Scientist**, Created radiative transfer models and cross-instrument correlation software.

CINCINNATI STATE COMMUNITY COLLEGE, Cincinnati, Ohio, *Feb. 2011 - Jun. 2011*, **Adjunct Professor**, Taught remedial introductory physics course

MIAMI UNIVERSITY, Hamilton, Ohio, *Aug. 2010 - Jun. 2011*, **Adjunct Professor**, Created and taught introductory physics course; also taught astronomy.

UNIVERSITY OF CINCINNATI, Cincinnati, Ohio, *Aug. 2008 - May. 2010*, **Teaching Assistant**, Taught physics lab course and astronomy lab course.

UNIVERSITY OF CINCINNATI, Cincinnati, Ohio, *Sep. 2006 - Sep. 2010*, **Research Assistant**, Gathered data using a 0.8-5.4 μm spectrograph at NASA IRTF.

Awards

2018 - 2022	**Gold Champion**, For 1,477 classroom hours and earning 43 digital credentials	*IBM*
2018	**Lab Services Award**, For coordinating internal teams to deliver solutions on time	*IBM*
2017	**Eminence and Excellence Award**, For developing a new data curation tool	*IBM*
2012	**Color Lab Automation Award**, For expanding data collection and analysis reports	*PPG Industries*
2010	**Mary J. Hanna Fellowship**, For STEM students pursuing research-based Masters	*UC*

Education

| 2010 | **Master of Science**, Astrophysics | *University of Cincinnati* |
| 2004 | **Bachelor of Fine Arts**, Printmaking | *Ohio University* |