

KIARA D. RAAB

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EDUCATION

Georgia Institute of Technology (Fall 2023 - Present)

M.S. Analytics (In Progress)

Concentration: Business Analytics | Coursework: Marketing Analytics, Data Ethics

University of Maryland - College Park (Fall 2019- Spring 2022)

GPA 3.62

B.S. Information Science - Data Science Concentration

Minor: Statistics

WORK EXPERIENCE

Data Science Associate, PricewaterhouseCoopers LLP - Washington, D.C.

September 2022 - Present

- Advised Fortune 500 clients on AI Governance adoption and risk frameworks, including fairness, transparency, explainability, and bias mitigation protocols.
- Co-developed a Responsible AI evaluation tool, scoring models across security, reliability, and transparency dimensions; enabled ongoing model monitoring with a built-in user transparency card.
- Built and assessed supervised learning models using Python (scikit-learn, XGBoost), incorporating SHAP for fairness and interpretability.
- Authored model documentation and reproducibility guidance to align with Responsible AI policies and internal compliance standards.
- Conducted stakeholder interviews to gather model risk concerns and provided strategic recommendations grounded in regulatory expectations.

Software Licensing Assistant, University of Maryland - Riverdale, MD

August 2019 - July 2022

- Analyzed software usage data from 10,000+ users to optimize licensing allocation and forecast renewal trends.
- Designed Excel-based dashboards to support licensing decisions and stakeholder budget planning.
- Identified and presented compliance issues, resulting in improved software governance.

Data Science Intern, Sierra Nevada Corporation - Herndon, VA

May 2021 - August 2021

- Delivered structured datasets to federal stakeholders for transparency dashboards monitoring agricultural COVID-19 impacts.
- Conducted equity-focused analyses on underserved communities' access to digital government resources.

Academic Peer Mentor, University of Maryland - College Park, MD

August 2020 - December 2020

- Mentored 45 students in Introduction to Information Science; led office hours and 1:1 coaching sessions resulting in 15% average grade improvement.
- Completed staff training in student engagement and communication.

RESEARCH EXPERIENCE

Data Science Fellow, National Agricultural Library (USDA ARS) - Beltsville, MD

September 2020 - May 2021

- Delivered monthly data pipelines and dashboards to track agricultural disease outbreaks during COVID-19, helping product owners visualize critical trends.
- Supported policy alignment by integrating survey and funding data across federal programs serving underrepresented institutions.

Data Research Fellow, Tiny Catalyst - Remote

July 2020 - August 2020

- Created and developed a health care strategy to help fight racial inequalities in obstetrician work
- Cleaned and manipulated datasets using Python and Tableau to create a correlative analysis to aid an analytical data research study

ADDITIONAL INFORMATION

- **Certifications:** Databases with SQL for Data Science with Python - IBM (2023), Supervised Machine Learning Regression and Classification - Stanford Online (2023)

- **Technical Skills:**

AI Governance & Responsible AI: Fairness audits, SHAP, bias detection, explainability, ethical model documentation

Data & Modeling Tools: Python (scikit-learn, XGBoost, Pandas), SQL, Tableau, dbt

Compliance & PM Tools: Jira, Confluence, SAP SuccessFactors, Agile/Scrum methodologies