

## Contact

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## Top Skills

Tableau  
Microsoft Power BI  
Computer Science

## Certifications

EY Robotic process automation -  
Bronze

# James Brendamour

Bringing technology closer to your business – One solution at a time.  
Denver, Colorado, United States

## Experience

### Bmours

#### Freelance Consultant

April 2022 - Present (2 years 1 month)

Denver, Colorado, United States

Developed and launched custom websites for small businesses, integrating advanced chat functionalities to enhance customer engagement and support. Provided tailored networking solutions to improve connectivity, streamline operations, and enable seamless communication for small business clients. Enhanced security measures for small businesses, implementing robust cybersecurity protocols to safeguard digital assets and customer data from potential threats.

### EY

#### Information Technology Consultant

October 2018 - September 2022 (4 years)

Denver, Colorado

- Primary developer on a large-scale Document Intelligence project, developing sophisticated NLP models to empower clients with the ability to process and extract critical data from extensive legal documents. Pioneered a continuous improvement protocol allowing the client to refine the model's accuracy over time. Introduced an interactive chat feature enabling users to query the document directly and implemented a user-friendly GUI that highlights the source of the queried information within the document for streamlined verification and review.
- Spearheaded the IT transformation strategy for a major air conditioning manufacturer, achieving \$3.73M in annual savings and a 2.5-year ROI by optimizing the enterprise architecture during the company's separation from its parent organization.
- Drove efficiency in regression testing for an international automotive company by automating 150 test processes in SAP S/4HANA, saving 1,800 FTE hours per deployment, leading the Quality Review and Control Team for code excellence.

Facilitated the S4 Intelligent Automation move by collaborating with UiPath engineers to establish requirements and creating a library of 180 standard SAP transaction automations.

- Executed comprehensive customer segmentation for a leading gas & electric company, aligning market sizing and purchasing propensity with product strategies for 5 new products, and supporting visualization of market segments.
- Contributed to the financial resilience of a multinational gas and electric firm during COVID-19 by managing weekly financial data analyses and transitioning reporting to a Tableau-based self-reporting system to track and mitigate financial risks.
- Developed and refined pricing analytics tools for a major HVAC company to enable competitive pricing and forecast price realization down to the individual parts level, enhancing decision-making agility.

## Siemens PLM Software

### R&D Software Engineer Intern

May 2017 - August 2017 (4 months)

Cincinnati Area, KY

- Developed Cloud Based Machine Learning RNN models (Tensorflow & Cloud Foundry), and Incorporated models into Siemens' Internet of Things (IOT) platform. Models were implemented into Siemens' predictive maintenance practice and optimized factory operational costs.
- Created OPCUA server & client (java & python), giving real-time sensor data that overlays machine using AR.
- Used RPi & Arduino to simulate machinery sensor data for uses in Machine Learning and cloud computing applications.
- Began work on image recognition Tensorflow models for use in part and machine recognition.
- Enhanced knowledge of project management and product design in software development, well-versed in application architecture in java and python.

### Siemens Hackathon:

- Led team of 3 in 24-hour hackathon. Created silent installer for Siemens' PLM software using Docker.

- Created Docker image that eliminated need for internet and increased cross-compatibility and performance. Concept was recognized by upper-level executive board and was used in development of multiple PLM projects.

## The Ohio State University Fisher College of Business

### Data Analytics Research Assistant

September 2015 - May 2017 (1 year 9 months)

Columbus, Ohio Area

- Created research database through Python and VBA programming to compare business schools' publications. Used fuzzy comparisons to scrape and match >15K professors to projects. Findings led to publication in Journal of Supply Chain Management.
- Extensive use of python for data and scraping university website for faculty information.

## Ayming (ex Alma Consulting Group & Lowendalmasai)

### Consulting Intern

May 2016 - August 2016 (4 months)

Madrid Area, Spain

- Developed dynamic internal forecasting model with over 20 variables, allowing management to greatly improve forecasting accuracy.
- Generated client profiles on European companies including various financial criteria to assist consultants with projects.
- Accelerated projects by condensing complex English information sources for Spanish-speaking coworkers
- Worked alongside consulting team analyzing European companies tax and R&D department to acquire tax incentives, and grants.
- Performed extensive coding in VBA to help refine and streamline the company database

## Trane

### Account Manager

May 2015 - August 2015 (4 months)

Cincinnati Area

- Developed computer UI to demonstrate cost savings over time with use of Trane systems and maintenance program. Gave sales team ability to easily quantify saving to over 1,000 customers.
- Presented findings to regional manager and helped create user manual for application.

- Managed accounts with over \$100,000 in monthly sales. Problem solved to ensure that heating and cooling systems met varied demands and customer needs.
- Enhanced my ability to take technical knowledge and convey it in an easy to understand format.

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## Education

### The Ohio State University

Associate's Degree, Integrated Systems Engineering, Minor  
Business · (2013 - 2018)

### Georgia Institute of Technology

Master's degree, Computer Science · (January 2021)