

Matthew Obradovich

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EDUCATION

University of Wisconsin-Milwaukee
M.S. Information Science & Technology

GPA: 3.93 | August 2025

TECHNICAL SKILLS

- Languages & Libraries: Python, SQL, R, pandas, NumPy, scikit-learn
- AI/ML Concepts: Supervised Learning, Classification, Model Training, Model Evaluation, Data Preprocessing, Feature Engineering
- Data & BI: MySQL, SQL Server, Power BI, Tableau, Excel, ETL, Data Cleaning, Data Validation
- Web & Tools: PHP, HTML, CSS, Git, GitHub, XAMPP, Apache, REST API Concepts

TECHNICAL EXPERIENCE

Trading Card Data Management & Analysis | Data Engineering

- Designed a SQL database for a trading card company to manage 5,000+ inventory, purchase, sales, and card detail records in a structured reporting system.
- Built Python data-cleaning workflows to standardize inconsistent company records before loading them into SQL for inventory analysis and profit/loss reporting.

Pokemon Battle Machine Learning System | Machine Learning

- Built a Python ML pipeline that converted unstructured Pokemon Showdown battle logs into structured, model-ready datasets.
- Engineered features from turns, moves, damage values, faint events, player decisions, and matchup context for prediction and evaluation.

CIFAR-10 Image Classification | AI/ML

- Developed a Python image classification project using CIFAR-10 data to train and evaluate a model across multiple categories.
- Applied data preprocessing, model training, prediction generation, and performance evaluation to demonstrate end-to-end ML workflow knowledge.

Full project writeups, screenshots, and code samples are available at mattobrad.com.

PROFESSIONAL EXPERIENCE

Freelance Photographer / Videographer | Milwaukee, WI | 2022 – Present

- Manage client-facing photo and video projects from planning through delivery, balancing timelines, expectations, communication, and final production quality.
- Communicate with clients to understand goals, translate vague ideas into clear deliverables, and adjust based on feedback.

Sales Consultant | AT&T | Oconomowoc, WI | April 2021 – September 2024

- Delivered technical consultation and account support, helping customers understand devices, setup options, service plans, and account needs.
- Simplified technical information for non-technical customers while balancing customer service, troubleshooting, and sales goals.