Kyle Woolford

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AI/Machine Learning professional, passionate about deploying AI solutions in real-world healthcare applications to drive innovation and improve patient outcomes. Strong background in Python, ML pipelines, and data engineering, with experience collaborating on high-impact projects in a leading medical research institution.

SKILLS

Languages: Python, HTML, R, SQL
AI/ML Frameworks: PyTorch, NumPy, Pandas, scikit-learn, Matplotlib
MLOps & Infrastructure: Docker, Databricks, CI/CD, Git
Data Engineering: Clarity, Caboodle, SQL Server, ETL pipelines
AI/ML Competitions: Achieved 99.95% accuracy and 96% recall in ISIC 2024 Skin Cancer Detection Competition
Software & Tools: Tableau, SAS Enterprise Miner, Fortinet, Epic Systems
Operating Systems: Windows, Linux
Certifications: SAS Business Intelligence & Analytics, Microsoft Excel Associate, Cisco CCENT, Data Visualization (Python, R, Tableau)

EDUCATION

Loyola University Maryland   **Baltimore, MD**
Bachelor of Business Administration   *May 2024*
Major: Information Systems and Data Analytics **Minor:** Data Science
Honors: Summa Cum Laude, Dean's List (all semesters), Dean's Scholarship Recipient
Relevant Coursework: Business Intelligence & Data Mining, Statistical Computing, Data Visualization, Python, Data Management & Database Systems

Campus Involvement: Co-President of Loyola Cybersecurity club, hosted cybersecurity Capture the Flags + Hackathon events

Awards: 4th place CyberMaryland CTF, 7th place Capture the Future, 2 top 50 MetaCTF finishes

PROFESSIONAL EXPERIENCE

Johns Hopkins Medicine   **Baltimore, MD**
MLOps Programmer Analyst   **December 2024-Present**
- Collaborating with a cross-functional team to develop a ML application from scratch.
- Contributing to a shared GitHub codebase, working with Azure ML, Prompt Flow, and MLOps best practices.
- Assisting in the development of ML pipelines for healthcare applications.
- Evaluating pre-trained ML models on historical patient data.
- Supporting Docker containerization and model deployment workflows.
- Contributing to discussions on model architecture & evaluation.

R.E. Michel   **Glen Burnie, MD**
Data Center Technician (Summers + Breaks)   **June 2018-August 2023**
- Configured and maintained enterprise IT infrastructure, user hardware, and network topology.
- Assisted in the ERP migration to Epicor P21, ensuring smooth system integration.
- Supported IT operations by managing Fortinet security applications and software configurations.

Action Electric   **Aberdeen, MD**
Electrical Laborer   **June 2017-August 2017**
- Assisted with demolition, trenching, and electrical wiring for commercial projects.