

Elevate Your Cyber Resilience with UMRF Ventures

At UMRF Ventures, we deliver agile, scalable, and cost-effective cybersecurity and security operations services designed to protect your infrastructure, improve monitoring, and reduce cyber risk. Backed by the University of Memphis, our team leverages a unique talent pipeline of skilled students guided by experienced professionals—creating a future-focused, high-performance security solution tailored to your environment.

Who We Are

Based in Memphis, Tennessee, UMRF Ventures is a wholly owned subsidiary of the University of Memphis Research Foundation. Since 2017 we have been committed to delivering top-notch IT Managed Services that not only cater to your current IT concerns but also ready your business for future opportunities. With our technology expertise, a talented workforce, and insightful consulting, we position your business for sustained success.

A few of the companies that Trust Us : *FedEx, Raymond James, Sedgwick, City of Memphis, Methodist LeBonheur Healthcare, MLGW, Ting, and First Horizon Bank*

Why Choose Us



Innovative Partnership Model & Talent Pipeline

Collaborate with UMRF Ventures to leverage our unique managed service approach, while building a talent pipeline of future professionals for your company.



Consulting Expertise

UMRF Ventures provides comprehensive consulting services to help businesses optimize operations, focusing on IT, Business Analytics, and dashboard consulting. These services offer valuable insights for data-driven decision-making.



Cost-Effective Solutions

Enhance your service delivery by utilizing UMRF Ventures. Our operations are efficiently operated by motivated student workers at competitive rates. We are dedicated to delivering innovative solutions !

Our Services

Security Operations Center Support

- Log onboarding and standardization
- Custom alert and dashboard development
- MITRE-based threat monitoring
- Alert tuning and false positive reduction

Threat Detection & Incident Response

- Threat hunting and domain investigation
- Incident triage and enrichment support

Cyber Risk & Compliance Monitoring

- Ingestion optimization to reduce data volume and cost
- Compliance-aligned log monitoring (PCI, SOX, HIPAA)
- Risk-based scoring and fraud detection frameworks

Security Analytics & Automation

- Development of Python scripts and ML models for anomaly detection
- Automated workflows to improve MTTA/MTTR by up to 90%
- Infrastructure tuning to reduce Splunk Virtual Compute (SVC) usage
- Utilize tools like Splunk for log monitoring

