

Makarius D. Epps

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Professional Summary:

Informatics Professional specializing in organizational systems, data governance, business analytics, and process improvement. Designed and implemented a centralized reporting and workflow automation infrastructure connecting three organizational programs through data pipelines, analytics, and reporting systems. Currently pursuing a Master of Science in Informatics while conducting research on Human-AI collaboration and AI-enabled organizational systems. Selected by the Chair of Informatics & Engineering Systems to contribute to graduate.

Selected Achievements:

- Architected and implemented a cross-program data governance and reporting infrastructure that transformed fragmented program information into a unified source of truth across three Village Launch programs.
- Developed executive-facing dashboards and reporting systems that replaced estimated impact reporting with standardized data collection, automated workflows, and performance measurement.
- Established a scalable framework that documented \$27,769.51 in Spring Market revenue, 678 entrepreneurship training hours, and participation metrics across multiple community programs.
- Led organizational change-management efforts by developing procedures, training staff, mentoring an Anderson University intern, and mentoring a Legacy Early College Data Analytics student on data governance and reporting practices.
- Authored a data governance case study that earned recognition from neighboring nonprofits and led to selection for a graduate research project exploring AI-driven workflow automation and Human-AI collaboration.

Professional Experience:

Program manager – Data & Systems Lead

Village Launch (Mill Village Ministries), Greenville, SC

November 2025 - Present

- Designed and implemented a cross-program data governance and reporting infrastructure that established a unified source of truth across three organizational programs.
- Developed dashboards, reporting systems, and workflow automations that improved data quality, performance measurement, and leadership decision-making.
- Led organizational change-management efforts through process development, staff training, and mentorship to support long-term adoption of data governance and reporting practices.

Administrative & Marketing Intern | Village

Launch (Mill Village Ministries), Greenville, SC

April 2024 – August 2025

- Supported marketing, communications, and administrative operations for entrepreneurship and community engagement programs.
- Assisted with program reporting, data collection, stakeholder outreach, and event coordination activities.
- Contributed to workflow improvements and operational processes that increased organizational efficiency and program visibility.
- Collaborated with staff, community partners, and program participants to support engagement, event execution, and organizational initiatives.

Education:

Master of Science in Informatics |

University of South Carolina – Upstate | Spartanburg, SC |

Expected Graduation: Fall 2026

Bachelor of Interdisciplinary Studies | Concentration: Business, Finance, and Communications

University of South Carolina – Upstate | Spartanburg, SC |

Graduated: 2025

Research and Applied Informatics:

AI-Assisted Risepoint Course Development

Graduate Informatics Research Project | University of South Carolina – Upstate | 2026 - Present

- **Selected by the Chair of Informatics & Engineering Systems** to contribute to a graduate research initiative focused on AI-assisted workflow automation.
- Investigate how generative AI can reduce faculty course-development efforts from 30-50 hours to 2-4 hours through structured content generation and process automation.

Village Launch Data Governance Case Study

Independent Organizational Research | 2025 - 2026

- Authored a formal case study examining the design and implementation of a cross-program data governance and reporting infrastructure.
- Analyzed the impact of data governance on reporting reliability, operational visibility, organizational efficiency, and leadership decision-making.

JARVIS OS: Human-AI Collaboration System

Independent Research | 2025 – Present

- Developing a Human-AI collaboration system integrating knowledge management, workflow automation, and connected technologies.
- Investigating how contextual AI can reduce cognitive load, augment daily knowledge work, and improve personal productivity through Human-AI teaming.
- Integrating Obsidian, Raspberry Pi, Raspberry Pi Zero, Microsoft Copilot Studio, Meta Smart Glasses, IoT sensors, motion-activated cameras, virtual machines, Home Assistant, and SmartThings to explore context-aware AI and intelligent system orchestration.

Technical Skills:

Analytics:

- Power BI
- Microsoft Excel
- KPI Development & Tracking
- Data Visualization
- Performance Reporting
- Dashboard Development

Data & Process Management:

- Data Governance
- Data Quality Management
- Workflow Automation
- SQL

AI & Emerging Technologies:

- Microsoft Copilot
- Copilot Studio
- Generative AI
- Prompt Engineering
- AI-Assisted Research
- Human-AI collaboration

IoT & Intelligent Systems:

- Raspberry Pi / Raspberry Pi Zero
- Home Assistant
- SmartThings
- Meta Glasses
- Iot Sensors
- Smart Device Automation
- Virtual Machines