MAKARIUS EPPS

MA[KARI]US

Greenville, South Carolina | (803) 553-2919 | Eppsmakarius@gmail.com

Business Process & AI Automation | Data Governance | Human–AI Collaboration

makariusepps.com | linkedin.com/in/makariusepps | github.com/Makariusepps1

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 a graduate research initiative on AI-assisted workflow automation.

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, documenting $27,769.51 in Spring Market revenue and 678 entrepreneurship training hours.
- 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.
- Ingested, cleaned, and structured program data from across three programs into standardized datasets, dashboards, and reporting systems, improving 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, and contributed to workflow improvements that increased organizational efficiency and program visibility.
- Collaborated with staff, community partners, and program participants to support engagement, event execution, and organizational initiatives.

Mentor - Legacy Early College

Greenville, SC | 2026 - Present

- Weekly business-analytics mentorship of a dual-enrollment high school senior toward a 30-hour semester internship, covering analytics, data capture, and generative AI.

EDUCATION

Master of Science in Informatics
University of South Carolina Upstate, Spartanburg, SC | Expected Spring 2027

Bachelor of Science in 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.
- Investigating how generative AI can reduce faculty course-development effort 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, and its impact on reporting reliability, operational visibility, and leadership decision-making.

JARVIS OS: Human-AI Collaboration System
Independent Research, In Progress | 2025 - Present

- Designing and prototyping a human-AI collaboration system for knowledge management and workflow automation; the system is in development, not yet fully built.
- Investigating how contextual AI can reduce cognitive load and augment daily knowledge work through human-AI teaming. Planned integrations under exploration include Obsidian, a Raspberry Pi fleet, Home Assistant, and Microsoft Copilot Studio.

CERTIFICATIONS AND PROJECTS

IBM Data Science Professional Certificate - In Progress
Coursera | Enrolled October 2026

- Completing coursework in Python, pandas, NumPy, SQL, Jupyter, data visualization, and scikit-learn machine learning, with an applied capstone.

Flask APIs - Coursework Projects
M.S. Informatics Coursework | Public repositories via github.com/Makariusepps1

- Hand-built three Flask APIs in Python: a validated sum API that checks input and returns specific errors, a REST CRUD API (/goodbooks) with an HTML view, and a Tkinter purchase form backed by a Flask POST /submit endpoint with price validation.
- Tested with pytest (8 tests passing); published on GitHub.

Python Learning - Personal Project
github.com/Makariusepps1/python-learning

- Hand-written Python practice published to a public GitHub repository, covering variables, lists and dictionaries, functions, for-loops, and the accumulator pattern.

TECHNICAL SKILLS

Analytics & Reporting: Power BI, Power Query (M) and introductory DAX (coursework), Microsoft Excel, KPI development and tracking, data visualization, dashboard development, performance reporting

Programming & APIs: Python (coursework), Flask, REST APIs, Tkinter, pytest, SQL, GitHub, Jupyter

AI & Emerging Technologies: Generative AI, Microsoft Copilot, prompt engineering, AI-assisted research, human-AI collaboration

Data & Process Management: Data governance, data quality management, data ingestion, cleaning and structuring, workflow automation, Monday.com

IoT & Intelligent Systems: Raspberry Pi / Raspberry Pi Zero, smart device automation, virtual machines