Samantha Kollasch

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PROFESSIONAL SUMMARY

High-achieving Industrial Engineering and Information Systems dual-major (3.9 GPA) with hands-on experience in Java, Python, data analytics, and AI implementation. Experienced Teaching Assistant adept at optimizing workflows, solving complex computing problems, and bridging business strategy with engineering solutions. Explore my project portfolio at skollasch.quarto.pub/website/

EDUCATION

Bachelor of Science in Industrial Engineering Expected Graduation: December 2028
Industrial Engineering and Operations Analytics, 3.9 GPA
University of Arkansas, Fayetteville, AR

Bachelor of Science in Business Administration Expected Graduation: December 2028
Information Systems Major, 3.9 GPA
University of Arkansas, Fayetteville, AR

EXPERIENCE

University of Arkansas Department of Industrial Engineering August 2026– Present
Teaching Assistant - Computing Methods for IE I | Fayetteville, Arkansas

- Facilitate lectures and hold weekly office hours for 80+ students, explaining core industrial engineering computing concepts in Java
- Evaluate weekly programming assignments, quizzes, and exams, providing constructive feedback to improve student code quality and problem-solving skills
- Partner with the primary professor to design assignment rubrics, troubleshoot student code execution issues, and update course material

University of Arkansas Department of Student Affairs September 2025 – Present
Board Member |Fayetteville, Arkansas

- Advise university leadership on student issues and policy improvements impacting 30,000+ students
- Consolidate student feedback into key themes and action items to support leadership decisions
- Partner directly with senior administrators, department heads, and peer representatives to align student recommendations with broader campus strategic goals and budget constraints

LEADERSHIP EXPERIENCE

Alpha Pi Mu May 2026 – Present
Secretary | University of Arkansas, Fayetteville, AR

- Send newsletters to 300+ students and faculty members to communicate chapter updates, upcoming events, and key deadlines
- Record minutes of weekly meetings and distribute summaries to ensure operational alignment across chapter leadership

Alpha Kappa Psi April 2025 – April 2026
Master of Rituals|University of Arkansas, Fayetteville, Arkansas

- Led events for 100+ members by aligning programming with chapter goals to maximize member engagement
- Summarized feedback using AI to identify recurring themes that guided event improvements
- Managed meeting logistics, event scheduling, and formal ceremonies to maintain organizational standards and traditions

SKILLS SUMMARY

- Programming languages: Java, Python, R, Kotlin
- Analytics/IE: Optimization, Linear Programming, Data Analysis, AI implementation
- Excel (PivotTables, Solver), PowerPoint, Word

HONORS & AWARDS

Chancellor's List Recognition 4 times

- Awarded to students with 4.0 GPA for the semester

Imhoff Global Studies Scholarship ($2300) Summer 2026

- Awarded to students studying abroad within the Industrial Engineering department