Malachi Collins

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EDUCATION and COMMUNITY

Central Connecticut State University - New Britain, CT ***Aug 2021 – May 2027***
BS in Information Systems & Management
Minors, Cybersecurity and Artificial Intelligence

- CompTIA Security+
- AWS Certified Cloud Practitioner

WORK EXPERIENCE

LEAD - East Hartford, CT ***Aug 2026 – Present***
Coordinator Assistant (Contract, via 50CAN)

- Built a filterable geographic data tool to organize and track scraped community and leader records, streamlining outreach across Hartford County
- Developed post-event reports capturing key connections, conversations, and follow-ups to inform decision-making and measure network growth
- Coordinated outreach to businesses, educational leaders, and organizations and tracked a canvassing team toward a 500-signature advocacy goal

Leonardo DRS - Danbury, CT ***Jun 2026 – Aug 2026***
Program Management Intern

- Developed a prototype dashboard that consolidated data across 5 focus points and built top-level financial models that reduced preparation and navigation time
- Collaborated on building 2 pricing estimation tools to improve accuracy and efficiency
- Sourced and identified inconsistent data issues in a data warehouse
- Utilized AI to build tools and support skills development, consolidating repeatable processes
- Built research and execution methods for innovative solutions

Trumpf - Farmington, CT ***Jan 2026 – May 2026***
Digital Intern

- Developed a key data model that supported financial decision-making for approximately $300K in tracked funds.
- Sourced, identified, and resolved inconsistent data issues, improving data movement across Excel, cloud systems, and related software platforms.
- Built and managed my 3rd Power BI visual to strengthen reporting and support business decision-making processes.

Student Activities and Leadership Development at CCSU –New Britain, CT **Aug 2025 –** ***May 2026***
Marketing Coordinator

- Created, recruited, and mobilized an ambassador program of 4 people to boost student involvement and engagement for club events and initiatives
- Assisted in cohosting 30 weekly events at night for the student population during the school year
- Developed and executed a social media strategy across 2 platforms, reaching over 200k views across 39 custom-made media
- Developed monthly data reports and communicated key trends and performance insights to upper management and internal teams.

RECentral Campus Recreation at CCSU – New Britain, CT ***Jan 2021 – August 2025***
ClubSports Employee

- Utilized software like 7PointOps and Fusion to monitor inventory levels and communicate field conditions.
- Performed setup, oversight, and cleanup for 50+ practices and games across 10+ different sports teams.
- Acted as a liaison between teams, coaches, and supervisors, ensuring clear communication and seamless event execution.

Safesplash + Swimlabs Swim School – Newington, CT ***Feb 2024 – Dec 2026***

Swim Instructor > Deck Supervisor > Lead Instructor

- Assessed members' swimming ability and developed tailored plans using the software IClassPro to progressively enhance their skills during the customer lifetime
- Led and structured classes for diverse age groups to ensure optimal learning and growth.
- Instructed and guided swimmers from beginner to advanced levels while creating a supportive and engaging environment.
- Executed outreach across a four-stage marketing funnel, contacting hundreds of leads to drive enrollment and conducting callbacks to support retention.

LEADERSHIP and SERVICE

Student Government Association ***August 2024 – Present***

Social Chair > Vice President

- Assisting with the recruitment and retention of 50 members through strategical marketing
- Assisting in organizing collaborative events with campus clubs, attracting 20+ to 200+ participants
- Leading a committee of 5 to oversee event coordination, electoral campaigns at the start and end of the term
- Managing the multifaceted content stream of 2 media outlets
- Initiating the revival of a statewide student government event in Connecticut, recently hosting one with four schools.
- (Co)Hosted a total of 7 developmental meetings for 2 executives and 7 leadership to strategize campaign initiatives and semester projects
- Served on a board responsible for selecting the next Vice President for a core department at Central Connecticut State University.

PROJECTS

Photo Metadata Extraction Pipeline | Central Connecticut State University ***Feb 2026 – May 2026***

• Collaborated on a 3-person team to develop a Python-based pipeline for ingesting images and generating structured photo metadata.
• Supported data processing, metadata organization by Photo ID, and validation workflows for testing and stakeholder review.

Business Case Competition | Travelers Insurance ***April 2026***

• Worked alongside a team of 4 to analyze approximately 80,000 records of policyholder data, identifying trends, patterns, and areas for development.
• Presented innovative solutions and key findings to upper management teams, communicating data-driven ideas to support business decision-making.

Quantum Tech Hackathon | Yale University **April 2026**

• Worked on a 4-person team in a 24-hour quantum hackathon to analyze a cat-qubit case study and build an adaptive solution.
• Examined drift, coupling behavior, and logical error protection in a simulated quantum system.
• Used phase-flip, bit-flip, bias, and cat-size metrics to evaluate system performance.

Project Manager & Strategic Communications | Unitree GO2 EDU Robot **Mar 2025 – May 2025**

• Assisted with recruitment and oversight of 10+ members across 5 different majors and disciplines
• Coauthored tailored language to be able to promote initiatives to multiple demographics such as faculty and staff
• Assisted with optimizing onboarding procedures to ensure streamline operations and processes for 2 project cycles
• Collaborated with a team of 4 to discuss and project advancements and documentations during the project life cycle
• Utilized and developed understanding in software such as Notion, Omniverse Issac Sim, YOLONAS

SKILLS

Leadership: Project Lead & Management | Social Networking | Communication | Team Coordination | Problem Solving
Software and Programming: Python | SQL | Power BI | Microsoft Excel | Microsoft Office | HTML, CSS & JavaScript | Git & GitHub | Google Workspace | Notion | Amazon Web Services | Cisco Packet Tracer | Wireshark | Windows OS
Technical: Data Visualization & Dashboards | Cloud Computing | AI Prompting & Prompt Engineering | OSINT | Network Routing | Reinforcement Learning | Computer Programming
Business: Sales | Media Development | Marketing | Data Analytics | Customer Service | Onboarding & Training
Certifications: AWS Certified Cloud Practitioner | CompTIA Security+