James McKenna

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Education

University of North Carolina at Charlotte
Bachelor of Science in Computer Science (May 2026)

Skills

- Product requirements, workflow optimization, project planning
- Cross-functional collaboration, event planning, Logistics
- APIs, cloud fundamentals (AWS), systems troubleshooting
- Data tracking and reporting, data validation

Work Experience

Associate Network Technician - OneIT at The University of North Carolina at Charlotte *(May 2025 - Present)*
- Installed, maintained, and removed UPS systems across campus satellite locations to ensure reliable backup power for critical infrastructure.
- Resolved service tickets involving equipment testing and installation in coordination with senior technicians.
- Activated and patched new network ports to support operational needs.
- Coordinated surplus equipment pickups across departments.
- Audited and maintained data and network closets, enforcing safety, security, and standard conditions.

Projects

- **Azura Outreach-CRM Hotkey**
  - Identified a more efficient approach for updating the CRM to reduce manual effort and improve consistency.
  - Defined and streamlined workflow and clear requirements to standardize updates and reduce friction.
  - Owned project planning and execution end-to-end, leveraging AI-assistant development to prototype, validate, and deliver the solution.
  - Delivered an automation workflow that improved the speed, reliability and consistency of CRM updates.
- **Ethereum EOA ERC-20 Tracker**
  - Built a crypto portfolio tracking tool to provide users with clear visibility into ETH and ERC-20 holdings across Arbitrum.
  - Defined data requirements and validation rules to ensure accuracy and reliable reporting.
  - Integrated multiple external APIs and automated reporting into google sheets for analysis and monitoring.
  - Focused on usability and data clarity rather than raw blockchain data complexity.
- **SHA-256 Password Manager**
  - Designed a secure, minimal password management solution focused on local storage and user trust.
  - Defined functional requirements including password storage, retrieval, and secure reset functionality.
  - Implemented cryptographic hashing and file persistence to balance usability and security.

Leadership and Community Involvement

President / Team Captain - University of North Carolina at Charlotte Men's Volleyball Club *(April 2025 - Present)*
- Led a Division I club organization, coordinating budgeting, logistics, compliance, and team operations.
- Orchestrated a men's volleyball match in UNC Charlotte's Halton Arena in partnership with UREC and arena management; led the media timeline, promotion, budget, media team hiring, in-arena graphics, and volunteer ops while serving as Team Captain and player in the match.
- Organized and executed a large scale outdoor volleyball tournament with 70+ participants and spectators, overseeing planning, staffing, and execution.

Adopt-A-Spot *(August 2025 - Present)*
- Collaborate with the office of sustainability to coordinate trash pickups and volunteer events.
- Coordinate multiple cleanups throughout the semester with volleyball club members.

Certifications

- Microsoft Enterprise Product Management Fundamentals
- AWS Certified Cloud Practitioner