

Jacqueline Magawa

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EDUCATION

Dutchess Community College

May 2024

Associate In Science, Aviation Management

Relevant Coursework: Discrete Structures, Data Structures, Operating Systems, Computer Networking

University at Albany, SUNY

May 2027

Bachelor of Science, Computer Science / Cybersecurity

Relevant Coursework: Discrete Structures, Data Structures, Operating Systems, Computer Networks

TECHNICAL SKILLS

Languages: Java, C, Eclipse

Tools: IntelliJ IDEA, Visual Studio Code, GitHub, Linux

Concepts: Data Structures, Networking Basics, Cybersecurity Fundamentals, Ticketing Systems, Troubleshooting

Others: Microsoft Excel (formulas, sorting, data handling)

PROJECTS

Cybersecurity Tabletop Exercise (ROMERO Simulation) | Personal Project

April 2026

- Evaluated real-world cyber threats including ransomware, phishing, credential leaks, and supply chain attack
- Developed risk-based defense strategies within a fixed budget, prioritizing controls like access management and network segmentation

Interpreter for a Custom Programming Language | Personal Project

April 2026

- Built a fully functional interpreter in Java, implementing a lexer, recursive descent parser, and AST evaluator with support for variables, control flow, and function calls
- Designed custom grammar from scratch, handling tokenization, syntax validation, and runtime evaluation end-to-end

SolarWinds Supply Chain Attack - Cybersecurity Case Study | Personal Project

April 2026

- Analyzed APT29's 2020 supply chain compromise using the MITRE ATT&CK framework, mapping TTPs including Golden SAML attacks, lateral movement, and C2 evasion techniques
- Applied CIA Triad, defense-in-depth, and risk assessment frameworks to evaluate security control failures across 18,000+ affected organizations

EXPERIENCE

Front Desk / Resident Assistant | Dutchess Community College · Poughkeepsie, NY

Aug 2021 – May 2023

- Resolved hardware, software, and account access issues for students, faculty, and staff using a help desk ticketing system to log, track, and escalate support requests
- Assisted students in computer labs with account setup and system access at the start of each semester, supporting 100+ users per term
- Served as first point of contact for IT-related questions, consistently delivering clear, patient explanations to non-technical users

Direct Support Professional | Group Home · Albany, NY

Aug 2025 – Apr 2026

- Managed detailed daily care documentation and behavioral support records, building strong attention to detail and accountability under supervision
- Coordinated daily schedules and activities for multiple residents, demonstrating reliability, organization, and calm under pressure
- Collaborated with healthcare staff and case managers to communicate resident needs and ensure continuity of care across shifts