

NICKELL E.M. LEWIS

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Summary

Analytical and adaptable Software Developer-in-training with hands-on experience in backend development, IT support, and data analytics. Demonstrates a strong ability to troubleshoot systems, streamline workflows, and develop web applications. Eager to contribute to dynamic tech teams, applying user-centered design and clean code principles. Driven by curiosity, continuous learning, and collaborative problem-solving.

Skills

- Teaching & Communication
- Agile Development
- Backend Development • Research & Documentation
- Web Application Design
- Data Analytics & Visualization
- Hardware/Software Troubleshooting
- REST API Integration

Tools & Languages:

Python, Java, C++, SQL, Flask, HTML/CSS/JavaScript, Git/GitHub, Postman, Firebase, SPSS, MATLAB, VS Code, Pandas, NumPy, Jinja2

Experience

Intern | 11/2025 – 01/2026

Agostini Insurance Brokers Ltd – Port of Spain, Trinidad

- Assisted with internal audit reviews, verifying accuracy of financial records, reconciliations, and supporting documentation.
- Performed **risk assessment checks** to identify discrepancies, missing documentation, and process gaps in claims and underwriting files.
- Supported the **preparation of audit working papers**, ensuring compliance with company policies and regulatory standards.

Mathematic Teacher | 07/2019 – 03/2025

Mathkini Lessons – St. Margaret's, Trinidad

- Instructed over 100 CAPE Math students with a 90% pass rate.
- Created custom exam prep schedules and interactive lesson plans.
- Managed communication with parents, billing, and student performance tracking.
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Lab Assistant | 09/2023 – 05/2025

Department of Computing & IT, UWI – St. Augustine

- Provided hardware/software support to students and lecturers during lab sessions.
- Set up projectors, printers, and ensured seamless LMS access.

- Monitored practical coding exercises and assisted with file management issues.

IT Intern | 07/2024 – 08/2024

The CEPEP Company Limited, Trinidad

- Designed and deployed a bootable automated Windows installer to streamline onboarding.
 - Performed credential setup, software installations, and device troubleshooting.
 - Documented inventory updates and supported network optimization.
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Education and Training

University Of The West Indies - St. Augustine | Bachelor of Science

Bachelor of Science in Computer Science (Major) and Statistics (Minor), 07/2025

St. Benedicts College - San Fernando

Completion of 8 CAPE Units ,2018/2020

Accomplishments

Developed a fully functional Flask-based recipe app with inventory tracking and dynamic UI.

Deployed automated Windows installer that reduced onboarding time by 60%.

Received 5-star feedback from students and parents across three academic years.

Successfully supported a team project that implemented a RESTful API for student conduct tracking.

Created custom Python tools to streamline repetitive data tasks during internship.

Certification

ITIL 4 Foundation (In progress)

CISCO CCNA (In progress)