# MELLO NKOANA COLLINS

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## OBJECTIVE

Results-driven IT graduate with knowledge of system administration, web development HTML, CSS, networking CCNA-level, data science, and machine learning. Proficient in Python, SQL, data pre-processing, data visualization, statistical analysis recently working on Power BI and Tableau . Completed data-driven projects and applied machine learning models. Eager to leverage technical expertise, problem-solving skills, and continuous learning to contribute to business success and professional growth.

## Education

**Master of Science (MSc) in Information Technology**
Eastern Mediterranean University, Turkey
Graduation: 2024

**Bachelor of Science (BSc) in Information Technology**
Eastern Mediterranean University, Turkey
Graduation: 2023

## Certifications

- Cisco Certified Network Associate (CCNA7) – 2023

## Technical Skills

- **Programming & Scripting:** Python, SQL, Excel, HTML, CSS, MySQL
- **Data Science & Analytics:** Data preprocessing, data visualization, machine learning, predictive modeling, statistical analysis
- **Networking & System Administration:** Network troubleshooting, hardware configuration, network security, CCNA-level networking (Cisco), system performance monitoring
- **Tools & Libraries:** Pandas, NumPy, Matplotlib, Seaborn, SciPy, Scikit-learn, Jupyter Notebook, Power BI, Tableau
- **Operating Systems:** Windows, Linux
- **Other:** Problem-solving, continuous learning, project management, research analysis

**SOFT SKILLS**

- Strong problem-solving and analytical abilities
- Excellent communication and teamwork skills
- Adaptability to dynamic environments
- Time management and organizational proficiency
- Eagerness to learn and implement new technologies

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## Professional Experience

### University Network Assistant (Internship)
Eastern Mediterranean University, North Cyprus
June 2023 – January 2024

- Assisted with diagnosing and resolving campus-wide network issues.
- Configured network devices and monitored network and system performance.
- Maintained documentation and reported performance metrics to supervisors.

### Freelance Network Setup Intern
Mello Attorneys, South Africa
January 2019 – February 2020

- Installed and configured routers, switches, and office networks.
- Provided technical support and resolved hardware and software issues.
- Ensured stable and secure network connectivity throughout the office environment.

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## Projects

### Thesis: Simless Telecommunication Network – Transitioning from Subscriber Identity Module to Next-Generation Mobile Networks

- Conducted comprehensive research on eSIM adoption and implementation.
- Analyzed data security, network connectivity, and user experience impacts in modern telecommunications.

### Data Analysis and Prediction on Simless Telecommunication Networks

- Performed data cleaning, analysis, and predictive modeling based on thesis data.
- Applied statistical analysis and machine learning algorithms to forecast network performance and user transition patterns.
- Tools Used: Python, Pandas, NumPy, SciPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook, SQL.

**REFERENCES**

Available upon request.