Mohamed M. Hemdan

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Professional Summary

Recent Computer Science graduate with hands-on experience in Linux systems, Bash scripting, and Git version control. Proficient in C++ and Python programming, with foundational knowledge of networking (CCNA-level). Passionate about automation, workflow optimization, and solving technical challenges. Quick learner, adaptable to new technologies, and effective in both solo and collaborative environments. Native Arabic speaker with basic proficiency in English and German.

Education

Bachelor of Science in Computer Science

Higher Institute of Computer Science - Taybah Institute

Graduated: May 2024

Technical Skills

- Operating Systems: Linux (administration, configuration)
- Scripting: Bash (automation, task scripting)
- Version Control: Git (repository management, collaboration)
- **Programming Languages:** C++ (core concepts), Python (scripting, problem-solving)
- **Networking:** CCNA fundamentals (routing, switching, troubleshooting)
- Tools: Terminal, Shell scripting, Hackintosh setup

Soft Skills

- Problem-solving and critical thinking
- Teamwork and communication
- Independent task management
- Rapid learning and adaptability

Languages

• Arabic: Native

English: Limited Working ProficiencyGerman: Limited Working Proficiency

Projects

Custom Window Manager and Tools

- Created a custom window manager and productivity tools using Bash scripting on Linux.
- Automated repetitive tasks, improving efficiency by approximately 30%.
- Managed code with Git for version control and scalability.

Hackintosh System Build

- Assembled and configured a Hackintosh system, installing macOS on non-Apple hardware.
- Troubleshot hardware compatibility issues and optimized system performance
- Demonstrated problem-solving through resolving driver conflicts.