

KEVIN ABRAHAM WILSON

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HannibalTheCannibal-mads](https://github.com/HannibalTheCannibal-mads)

SUMMARY

Computer Science (AI) student with practical experience in Python, machine learning, cryptography, and Linux systems. Experienced in projects using TensorFlow, scikit-learn, and encryption libraries. Seeking an internship to apply technical knowledge and contribute to real-world challenges.

EDUCATION

Bachelor of Technology in Computer Science (AI)

Mar Baselios College of Engineering and Technology (Autonomous)

- Expected Graduation: June 2027
 - Relevant coursework: Data Structures, AI, Database Management Systems, Networking
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PROJECTS

Linux System Surveillance (ongoing)

Github: <https://github.com/HannibalTheCannibal-mads/Linux-System-Surveillance.git>

- Developing a real-time Linux system monitoring tool to track system performance, resource usage, and security events.
- Integrated machine learning models to analyze live data streams (network, kernel, hardware, CPU) for automated anomaly detection and proactive threat identification.
- Implemented core functionalities using Python and Bash scripting; leveraged system libraries for process and network monitoring.

Autonomous Kernel Hardware Optimization System (Pretrained LLM) (ongoing)

Github: <https://github.com/HannibalTheCannibal-mads/Autonomous-Kernel-Hardware-Optimization-System.git>

- Designing an autonomous system that leverages a pretrained large language model (LLM) with root access to monitor, analyze, and optimize Linux kernel and hardware configurations in real time.
 - Enabled the model to process live system metrics (CPU, memory, network, and hardware usage) and autonomously apply configuration changes for maximum performance and resource efficiency.
 - Built core functionalities using Python and Tensorflow machine learning framework.
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SKILLS

- Programming: Python (scikit-learn, TensorFlow, cryptography, Kademlia)
- Operating Systems: Ubuntu/Linux
- Version Control: Git
- Bitcoin protocols
- Homomorphic Encryption (TenSEAL)