

Summary Of Research Paper

No	Paper Name (Year)	Algorithm Used	Key Finding	Accuracy	Limitation
1	Beaman & Isah (2024) — Application Overview	DistilBERT (fine-tuned)	Real-time phishing detection with reduced false positives	95%+	Multilingual support limited
2	Eze & Shamir (2024) — Benchmark Study	DistillBert	Phishing detection with zero-day resilience and high precision	95%+	Smaller dataset scope



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3	Evans et al. (2024) — Protocol Break Analysis	Manual spoof simulation	Spoofing bypasses through SPF/DKIM/DMARC inconsistencies	Scenario-based	No consistent enforcement across platforms
4	Electronics Survey Paper (2023)	CNN, LSTM, BERT, GANs	Reviewed 88 DL methods for phishing detection	Up to 99.49%	No real-time validation



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5	RNT-J (2023)	ResNeXt-GRU + Jaya Optimization	Hybrid DL system for phishing website detection	98%	Website-focused; not email-based
6	SeFACED (2023)	GRU + LSTM	Classifies emails as normal, threat, fraud, or suspicious	95.1%	Language bias toward English



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7	Secure Vision (2023)	ViT + SpecRNet	Deepfake detection using multimodal fusion (image/audio)	89.35% (image), 92.34% (audio)	Limited multilingual capacity
8	RAIDER (2023)	Reinforcement Learning + NLP	Detects spear phishing via behavioral profiling	~92% est.	Less effective on generic phishing



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9	RoBERTa/BERT Benchmark Study (2023)	BERT, RoBERTa, DistilBERT, SGD, Extra Trees	Transformers outperform ML models in phishing detection	RoBERTa: 99.08%, BERT: 98.99%	GCN poor on text data
10	NLP Survey Gap Study (2023)	Literature Review	Highlights lack of NLP-focused reviews for phishing detection	-	No model implementation



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11	Timestamp Spoofing Detection (2022)	C/Java (margin-based)	Compares timestamps to identify spoofed emails	~95% est.	Delay threshold sensitivity
12	Weak Links in Auth Chains (2022)	Header analysis + spoof modeling	Identified 14 spoofing vectors across clients	-	UI inconsistency; fragmented enforcement

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