Billy Tsouvalas

Research Assistant & PhD Student at VCU
Electrical Engineer BSc, MSc
IBM Certified Cybersecurity Analyst

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Education

Virginia Commonwealth University (VCU) - **Cybersecurity PhD**	2021-Present
University of Patras, Greece - BSc, MSc Electrical & Computer Engineer - Thesis: **Malware Detection and Classification**	2014-2020

Research

VCU Modern Heuristics Research Group	2021-Present

- Critical Infrastructure **Intrusion Detection**
- **Red Team - Adversarial Attacks**

University of Patras Malware Analysis Team	2018-2020

- **Dynamic Malware** Analysis
- **Reverse Engineering, Deobfuscation**

Certifications & Specializations

IBM Cybersecurity Analyst Professional Certificate

Homeland Security and Cybersecurity (UCCS)

Cyber Incident Response (INFOSEC)

Work Experience

Cybersecurity Research Malware Analysis, IDS/IPS, Energy Infrastructure Security (Solar, Wind)	2018-Present
Professional Website Dev and Digital Marketing	2018-2020

Professional Skills

MITRE, OWASP, Cyber Kill Chain, NSA Ghidra, Burp Suite, Metasploit, Wireshark, Zeek, Volatility

Languages

English, French, Greek, German