

## Work Experience

### Cybersecurity Analyst

CyberDefend Inc., London, UK

2021 – Present

- Conducted red team/blue team exercises to evaluate and improve organizational security posture.
- Implemented advanced malware detection solutions, reducing the average time to detection by 40%.
- Secured APIs and web applications against the OWASP Top 10 vulnerabilities, strengthening overall system resilience.
- Designed custom security dashboards to visualize real-time threat data, enabling faster decision-making.
- Collaborated with cross-departmental teams to develop business continuity plans, minimizing downtime during incidents.

### Security Engineer

SafeNet Systems, London, UK

2018 – 2020

- Configured and maintained firewalls, IDS/IPS, and VPNs to ensure secure network traffic.
- Conducted risk assessments and implemented mitigation strategies to protect sensitive data assets.
- Automated security updates and patch management processes, reducing manual workload by 30%.
- Analyzed and reported security metrics to stakeholders, improving transparency and accountability.

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## Education

### MSc Information Security

King's College London, UK

2016 – 2018

- Thesis: "Using AI for Real-Time Intrusion Detection Systems."
- Relevant Modules: Advanced Cryptography, Ethical Hacking, Security Architecture.

### BSc Computer Science

University of Southampton, UK

2012 – 2016

- Specialized in Cybersecurity and Software Engineering.
  - Key Project: Developed a secure file-sharing application using end-to-end encryption.
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## Key Skills

- Security Tools: Metasploit, Nessus, Burp Suite, Qualys, Wireshark.
  - Programming: Python, Bash, PowerShell.
  - Cloud Platforms: AWS, Azure, Google Cloud.
  - Soft Skills: Collaboration, strategic thinking, adaptability.
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## Personal Details

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  - **Email:** john.smith@gmail.com
  - **Location:** London, UK
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## Career Goals

To advance the field of cybersecurity by building innovative threat detection systems and fostering a culture of security awareness within organizations.

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## References

- Dr. Emily Watson, Professor, King's College London.
- Mr. Richard Thompson, Manager, CyberDefend Inc.