Sam **Sanoop**

UNIVERSITY GRADUATE · SECURITY CONSULTANT

British National, Full Valid Driving License

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Experience

Security Consultant   *UK*

NOTSOSECURE   *April.2018- present*

- Provide consulting and security assessments primarily focused on Cloud, Network and Web Application Security.
- Responsible for teaching NotSoSecure's Basic Web Hacking course and Basic Infrastructure Hacking course.
- Creator of NotSoSecure's Hacking 101 course.
- Black Hat USA 2018 trainer, Checkpoint HackingPoint ambassador/trainer.

Security Consultant   *Basingstoke, UK*

MWR INFOSECURITY   *May.2016- March.2018*

- Conducted a large number of assessments in multiple areas of information security ranging from infrastructure,application assessments and mobile application security reviews.
- Led short-term projects, and delivered long-term on-site projects.
- Developed internal training for web application application security assessments.
- Supported internal processes such as recruiting, team building and office management.

Junior Security Consultant   *Halifax,United Kingdom*

CQRITY LIMITED   *September. 2014 - April. 2016*

- Conducted Web application, Mobile and External Network Security assessments.
- Liaised with clients, produced detailed reports and collaborated with other penetration testing companies to conduct associate work.
- Other responsibilities included assisting with the management, development of internal services.

Intern   *Remote*

ATTIFY   *December. 2016 - December. 2016*

- One month remote internship focused on Mobile Application Security.
- Liaised with clients, produced detailed reports and collaborated with other penetration testing companies to conduct associate work.
- Other responsibilities included assisting with the management, development of internal services.

Programming Tutor & Founder   *Sheffield, United Kingdom*

STEELCON / EARLY COMPUTER PROGRAMMING CLUB   *March. 2014 - April. 2015*

- Early Computer Programming Club was a micro-business based aimed at going into primary schools to teach the basic fundamentals of programming to children.
- Create new articles and tutorials to teach as part of the Sheffield Primary School curriculum. This business was converted into a not-for-profit voluntary program which is run alongside Steelcon hacker conference every year.

Education

BSc (Honours) Computer Security with Forensics   *Sheffield*

SHEFFIELD HALLAM UNIVERSITY   *September. 2012 - April. 2016*

- Gained a deep knowledge in computer security and related topics such as Digital Forensics, ESXi virtualization, Computer Architecture and Information Security Management.
- Additionally undertook and passed "Introduction to Computer Science and Programming Using Python" course created by Massachusetts Institute of Technology (MIT) through edX platform.

IT National Diploma, Adult Numeracy   *Stockport*

STOCKPORT COLLEGE   *September. 2009 - June 2011*

- Gained knowledge in basic programming alongside general computing skills such as web design,computer networks and basic IT.

Technical Skills

- Deep understanding of Web Application Penetration Testing and methodology.
- Skilled in Web Development using PHP and JavaScript.
- Experienced in writing scripts using Python and Bash programming.
- Proficient in security code reviews for PHP, Java, Ruby, Angular and Node.js frameworks.
- Basic knowledge of reverse engineering with interest to learn more.

Projects

Damn Vulnerable Web Services

Author   *github.com/snoopysecurity/dvws*
- Damn Vulnerable Web Services is a vulnerable testing environment written in PHP that can be used to learn real world web service vulnerabilities.
- The aim of this project is to aid security professionals in testing their skills and tools in a legal environment.

Sheffield Hallam Ethical Hacking Society (SHU Hacksoc)

Co-founder & Former Organizer   *shuhacksoc.co.uk*
- Sheffield Hallam Ethical Hacking Society is a group for people interested in computer security, ethical hacking, and all things tech-related. Our members are mainly students studying Ethical Hacking or Digital Forensics at Sheffield Hallam University.

Honors & Awards

Ongoing	**Researcher**,	HackerOne Researcher : https://hackerone.com/snoopysecurity
2016	**Winner**,	CodingSec Ethical Hacking Challenge
2015	**Winner**,	Steelcon SQL Injection challenge by Pentest LTD
2014	**Winner**,	ZAP Scripting Competition 2016
2014	**Winner**,	Practical Web Hacking - InfoSec Institute CTF

Presentations

SHU Hacksoc

XSS Primer - Noob to Pro in 1 hour: https://github.com/snoopysecurity/Public/
- This presentation aims to provide useful information on understanding different types of XSS, attack methodologies and common ways of exploiting them.

Steelcon

Programing arcade games with Python: https://github.com/snoopysecurity/Public/
- This hands-on presentation is aimed at children interested in Python Programming. This presentation covers making python games using pygame module while teaching concepts such as loops and if statements.

B-Sides London

Teaching Kids Programming and Cyber Security: http://www.securitytube.net/video/10452
- The UK is currently experiencing a shortage of skilled cyber security professionals. This talk covers teaching primary schools across South Yorkshire and understanding how to teach children many aspects of computer security.

MWRiCON

Attacking AngularJS Applications: Materials yet to be released
- Frontend JavaScript frameworks such as AngularJS bring a lot of functionality and logic to an application client side. However, AngularJS can often bring additional attack surface to an already secure application. This workshop will look at the security aspects of AngularJS applications and give the attendee a through an introduction to finding and exploiting Angular specific vulnerabilities.

Certifications

- CCNA I: Networking Fundamentals
- Offensive Security Certified Professional
- CREST Practitioner Security Analyst
- CREST Registered Penetration Tester