Kevin Wang

Reverse Engineer / Penetration Tester / Software Developer

CONTACT Email thekevinwang21@gmail.com Phone (864) 538-9389 WORK EXPERIENCE OCTOBER 2020 TILL PRESENT Reverse engineer at HII: Reverse engineer UAVs, including flight controllers and ground control software. Reverse Windows C++ x86, .NET, Arm, and TMS320 software. Use IDA Pro, WinDbg, Chidra, and drs.py, including scripting. Reverse embedded systems, networked GUI applications, and associated DLLs. Write reports for the customer on the reverse engineered software. Develop software and evaluate security measures. Develop software and evaluate security measures. Develop a penetration in testing team and methodology. Perform penetration testing. Work in a team using agile software development. Develop a penetration testing. Network Security Analyst at MacAulay-Brown: To manage and secure MacAulay-Brown's network. Suggest and implement security policies. Manage and respond to incidents from Sophos UTM, Tenable Security-Center, and Symante Endpoint Protection. Automate tasks using PowerShell and Bash. Perform penetration tests, especially of Active Directory. Ensure NIST and ISO compliance. Network Security Analyst at Clemson University: To monitor activity on Clemson's network, investigate security events, and perform vulnerability assessments. Utilize network monitoring systems such as Splunk, Bro IDS, Proofpoint, and Stealth/Watch to investigate and report intrusions. Perform penetration tests and vulnerability assessments. Respond to security alerts from IPS. May 2016 TILL May 2017 Undergraduate Research Intern at Clemson University: To design and develop a social networking application with enhanced privacy for user content sharing. Develop a web application using PHP and MySQL. Use and create RESTful APIs.		Website	https://thekevinwang.github.io/	
WORK EXPERIENCE OCTOBER 2020 TILL PRESENT Reverse engineer at HII: Reverse engineer UAVs, including flight controllers and ground control software. Reverse Windows C++ x86, MET, Arm, and TM5320 software. Use IDA Pro, WinDbg, Ghidra, and dnSpy, including scripting. Reverse embedded systems, networked GUI applications, and associated DLLs. Write reports for the customer on the reverse engineered software. Information Systems Security Engineer at Alion Science: Develop software and evaluate security measures. Develop big data applications in hadoop, python, php, and java, using the Big Data Platform. Work in a team using agile software development. Develop a penetration testing team and methodology. Perform penetration testing team and methodology. Perform penetration testing team and methodology. Perform penetration testing and secure MacAulay-Brown: To manage and secure MacAulay-Brown's network. Suggest and implement security policies. Manage and respond to incidents from Sophos UTM, Tenable SecurityCenter, and Symante Endpoint Protection. Automate tasks using PowerShell and Bash. Perform penetration tests, especially of Active Directory. Ensure NIST and ISO compliance. January 2016 TILL May 2017 Network Security Analyst at Clemson University: To monitor activity on Clemson's network, investigate security events, and perform vulnerability assessments. Utilize network monitoring systems such as Splunk, Bro IDS, Proofpoint, and StealthWatch to investigate and report intrusions. Perform penetration tests and vulnerability assessments. Respond to security alerts from IPS. May 2016 TILL May 2017 Undergraduate Research Intern at Clemson University: To design and develop a social networking application with enhanced privacy for user contents sharing. Develop a web application using PHP and MySQL.	Contact			
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Reverse engineer at HII: Reverse engineer UAVs, including flight controllers and ground control software. Reverse Windows C++ x86, NET, Arm, and TMS320 software. Use IDA Pro, WinDipG, Ghidra, and dnSpy, including scripting. Reverse embedded systems, networked GUI applications, and associated DLLs. Write reports for the customer on the reverse engineered software. October 2018 TILL October 2020 Information Systems Security Engineer at Alion Science: Develop software and evaluate security measures. Develop big data applications in hadoop, python, php, and java, using the Big Data Platform. Work in a team using agile software development. Develop a penetration testing team and methodology. Perform penetration testing team and methodology. Perform penetration testing team and methodology. Reverse engineer at HII: Reverse engineer UAVs, including scripting. Notwork Security Engineer at Alion Science: Newload applications in hadoop, python, php, and java, using the Big Data Platform. Work in a team using agile software development. Develop a penetration testing team and methodology. Perform penetration testing team and methodology. Perform penetration testing team and methodology. Reverse engineer at Alion Science: Network Security Analyst at MacAulay-Brown: To manage and secure MacAulay-Brown: Automate tasks using PowerShell and Bash. Perform penetration tests, especially of Active Directory. Ensure NIST and ISO compliance. Network Security Analyst at Clemson University: To monitor activity on Clemson's network, investigate security events, and perform vulnerability assessments. Utilize network monitoring systems such as Splunk, Bro IDS, Proofpoint, and StealthWatch to investigate and report intrusions. Perform penetration tests and vulnerability assessments. Respond to security alerts from IPS. MAY 2016 TILL MAY 2017 Undergraduate Research Intern at Clemson University: To design and develop a social networking application with enhanced privacy for user content sharing. Develop a web application using PHP an			· ·	
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Develop a web application using PHP and MySQL.		To design and develop a social networking application with enhanced privacy for		
Help review and write scientific papers for publication.		Help review and write scientific papers for publication.		

EDUCATION

AUGUST 2015 TILL MAY 2017

Clemson University

Bachelor of Science: Computer Science (3.59)

PROJECTS

CAROLINACON
APRIL 2018

Gaining Access with Spear Phishing

I gave a presentation on the entire process of a sophisticated spear phishing campaign, from reconnaissance to delivering the payload and bypassing modern defenses.

CERTIFICATIONS

CompTIA

January 2018

Security+

Security+ incorporates best practices in hands-on trouble-shooting to ensure security professionals have practical security problem-solving skills.

Scaled Agile, Inc. December 2019

Scaled Agile Framework for Teams

The SAFe for Teams course builds the skills needed to become a high-performing team member of an Agile Release Train (ART)

EC-Council January 2020

Certified Ethical Hacker (CEH)

The Certified Ethical Hacker (CEH) program is the most comprehensive ethical hacking course on the globe to help information security professionals grasp the fundamentals of ethical hacking.

Software Development: Python, Java, C/C++, Go, HTML, PHP, Javascript, SQL, MongoDB, Flask, PowerShell, Bash

Natural Language Processing: T5, BERT, GPT-3, RNN, VAEs

Cybersecurity: Computer Network Exploitation, Web Exploitation, Network Defense, Incident Response, Active Directory, Windows Internals, System Administration

SKILLS