ANTHONY HALLAK

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EDUCATION

University of California, Riverside   *August 2018 - June 2022*
Computer Science with Business Applications B.S.   *GPA: 3.62*

EXPERIENCE

Linux Administration Lead   October 2018 - Present
Western Regional Collegiate Cyber Defense Competition (WRCCDC)

· Wrote automation scripts that properly configure endpoints and saved 15-25 minutes across 6 machines
· Repaired and reconfigured SMTP email using postfix to allow LDAP users to send and receive emails
· Audited around 50 users and services running to safeguard machines against 70% more bad actors
· 3rd in Service Uptime for WRCCDC 2020 Regional Competition

Penetration Tester - Co-Captain   September 2019 - Present
Collegiate Penetration Testing Competition (CPTC)

· Enumerated and scanned 15 different machines across an enterprise network for vulnerabilities
· Identified 5 critical vulnerabilities in 3 machines to report before attackers could exploit them
· Presented a physical security talk concerning ATMs to 30 representatives from the competition
· Reported the discovered vulnerabilities to the proper channels to mitigate 80% of known attack vectors

PROJECTS

GoShark   April 2020
CitrusHack 2020

· Winner of the Cybersecurity category
· Captured 100% of incoming and outgoing packets from a specified network interface device
· Analyzed the packets for plain text transmission of critical data
· Generated a LaTeX document summarizing all found vulnerabilities enabling users to quickly identify areas of weakness 60% more easily

EvilPi   April 2019
CitrusHack 2019

· Winner of the Cybersecurity category
· Created a wardriving Raspberry Pi to cut time of Evil Twin attacks by around 30 minutes
· Automated the Aircrack-ng suite to deauthenticate a wireless network and capture handshakes of upto 100 devices
· Sent the captured handshake to Google Cloud Platform (GCP) to crack the WiFi password

bytesOnline   January 2019
RoseHack 2019

· Winner of the "Best Use of MongoDB" category
· Designed a web app that takes a food order and stores it in a MongoDB database
· Implemented a React front-end and Node.JS as the back-end to interface with the database

TECHNICAL STRENGTHS

Programming Languages: C++, Java, Python, Bash
Technologies: Linux (Debian & RedHat-based) systems, GCP, MongoDB

EXTRA-CURRICULAR

Cyber@UCR: President, Linux Admin for the WRCCDC team, CPTC Co-Captian
UCR Programming Competition 2019: 3rd place overall, 1st in the beginner category