

# ANTHONY HALLAK

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## EDUCATION

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**University of California, Riverside**  
Computer Science with Business Applications B.S.

*August 2018 - June 2022*  
*GPA: 3.66*

## EXPERIENCE

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### **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

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### **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

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**Programming Languages:** C++, Java, Python, Bash, Golang

**Technologies:** Linux (Debian & RedHat-based) systems, GCP, MongoDB, Metasploit, Wireshark, Burpsuite

## EXTRA-CURRICULAR

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Cyber@UCR: President, Linux Admin for the WRCCDC team,  
CPTC Co-Captain for 2019, CTF team lead, Captain of pwnLANDir\$  
UCR Programming Competition 2019: 3rd place overall, 1st in the beginner category