# ANTHONY HALLAK

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## EDUCATION

**University of California, Riverside**                                 *August 2018 - June 2022*
Computer Science with Business Applications B.S.                             *GPA: 3.61*

## EXPERIENCE

**Engineering Ambassador - Campus Tour Guide**                          April 2019 - Present
*Undergraduate Admissions - Campus Tours Office*
· Introduce 100's of prospective freshmen and transfer students to the Bourns College of Engineering
· Ensure that all attendees receive correct and up-to-date information during the tour
· Guide attendees through 4 live lab rooms to get a better idea of the hands-on classes
· Promote a positive image of college life and higher education to prospective visitors

**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

**EvilPi**                                                             April 2019
· 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
· Sent the captured handshake to Google Cloud Platform (GCP) to crack the WiFi password
· Winner of the Cybersecurity category

**bytesOnline**                                                        January 2019
· 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
· Winner of the "Best Use of MongoDB" category

## 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