

ANTHONY HALLAK

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EDUCATION

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

August 2018 - Present
GPA: 3.74

EXPERIENCE

Engineering Ambassador - Campus Tour Guide
Undergraduate Admissions - Campus Tours Office

April 2019 - Present

- Introduce 100's of prospective freshmen and transfer students to the Bourns College of Engineering
- Ensure that all attendees receive 100% correct and up-to-date information during the tour
- Promote a positive image of college life and higher education to prospective visitors

Linux Administration Lead

October 2018 - February 2019

Western Regional Collegiate Cyber Defense Competition (WRCCDC)

- Wrote automation scripts that properly configure endpoints and saved 15-25 minutes across 6 machines
- Secured 2 misconfigured machines under time constraints around 60 minutes total
- Audited around 50 users and services running to safeguard machines against 70% more bad actors

Office Assistant - Grader

August 2016 - August 2018

Kumon

- Identified areas of student weakness to provide focused tutoring and 60% better test scores
- Handled parental requests and inquiries and communicated important matters with parents promptly
- Managed daily class protocol to maintain an orderly learning environment and help teachers and other workers focus on interacting with the students

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

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
- Used Amazon Web Services (AWS) to host the MongoDB

TECHNICAL STRENGTHS

Programming Languages: C++, Java, Bash

Technologies: Linux (Debian & RedHat-based) systems, AWS, GCP, MongoDB

EXTRA-CIRRICULAR

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