ADRIAN J. PEREZ

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HIGHLIGHTS OF QUALIFICATIONS

- Worked on a research project dealing with cracking passwords
- Ability to work independently, work in a remote environment, or work together in teams using scrum
- Used to working with different technologies and learning how to use them in a project
- Meet deadlines, problems solve, and is able to learn and adapt relatively quickly

SUMMARY OF TECHNICAL QUALIFICATIONS

LANGUAGES:

- Java, Python, Bash, SQL, XML

WEB:

- HTML, JavaScript, CSS, JSON, NodeJS, Express, Firebase

APPLICATIONS:

- Git, GitHub, John the Ripper, Anaconda, Eclipse, Android Studio IDE, Docker

NETWORKING:

- LAN, Wireless, Cisco Networking Academy, Azure, AWS

EDUCATION

Bachelor of Science in Computer Science   Expected: May 2022
Lewis University, Romeoville, IL   GPA: 3.6/4.0
Minor: Mathematics

PROJECTS

Website Texting Application: Software Engineering Project

- Users are able to send text messages over the internet by using socket.io, node.js, express.js for server-side control and was deployed to the cloud using Azure and GitHub
- Front end was HTML, JS, CSS, Handlebars
- Worked in Scrum teams to complete this project

Dunkin Donuts Calorie Android Application: Mobile Application Development Project

- Made an Android app that will show the user a list of food products based on the number of calories the user entered
- The features that this app used are an online database provided by Google's Firebase - Realtime database, giving users app notifications, and maps
- Users Interface was designed to mimic the company's theme and brand style

Linux Server Hardening: Computer Security Project

- Was given an unsecure server and had to make it secure or harden it
- This Linux server is Debian based which was hosting a SQL database and a website
- Some vulnerability of the server includes internet services, system services, users' passwords, firewall rules

RESEARCH

Lewis University Summer Undergraduate Research Experience:

- Cracking Passwords with Machine Learning (Advisor: Dr. Jason Perry)
- Comparing successful password guesses with two different programs PassGAN and John the Ripper

EXPERIENCE

Crew Member   May 2018 – Present
Dunkin Donuts, New Lenox, IL
- Prepared food items for future use while insuring there is enough to meet demand
- Cooked and handled customers food in a timely manner, while making sure they received what they ordered
- In trusted to open store and start daily operations

HONORS AND AWARDS
- Dean's List, Lewis University, four semesters
- Recipient, M and A Parker Endowment Scholarship, 2019 – 2022
- Lewis University Trustee Scholarship, August 2018 – 2022
- Senior Honors for academic achievement