**Christopher Martinez**

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**Summary**

I am a student pursuing a Bachelor's of science in computer science who seeks internship opportunity to gain hands-on experience. Outgoing and friendly with strong motivation for success. I am a flexible hard worker who is ready to learn and contribute to team success.

**Skills**

* Advanced Data Structures – Have coded many projects implementing and searching data structures such as Binary Search Tree, Stacks and Queues, Linked Lists, and more. I have experience using basic search algorithms such as selection sort, bubble sort, insertion sort, and replacement selection sort; and I have also coded some fun games such as my own version of minesweeper.
* Software Engineering Course – This class is offered at CSUN and it involves working on a team using GitHub to create an application for real world use. I was on a team of six students in which 2 of us (myself being included) were responsible for the implementation/coding of specific features of our application. While the other 4 students designed the concept and handled marketing. Our application was meant to serve as a workout/exercise companion that would help you learn and keep track of your exercise routines. This experience involved a lot of problem solving, teamwork, good communication, and leadership; I learned a lot.
* React
* Secure programming
* Windows/Unix installation
* Basic network equipment installation
* DNS architecture and configuration
* HTTP service configuration
* SMTP service configuration
* Database integration in network systems.
* Backup strategies.
* Security implementation for common services
* Firewall/ACL policies and implementations
* Intrusion detection methods
* SQL Injection
* Cryptography
* Buffer Overflow Attacks
* Data Science
* Java
* C/C++
* Prolog
* Scheme
* Python

**Education and Training**

California State University, Northridge

Bachelor's of Science – Computer Science

Graduation – December 2021

3.26 upper division GPA

**Website**

<https://www.linkedin.com/in/christophermartinezengineer>

**Some Accomplishments**

* Code Monkey Fitness 2020 (mobile app for android using Android Studio) – I was responsible for the design and implementation of the Login Page, Calorie Counter, and Workout Companion section of our app.
* The Calorie Counter allowed you to enter your meal/snack and would log your calories for the day which you could refer back to if need be.
* The Workout Companion allowed you to log all of your workouts along with sets/reps which you could also refer back to if needed.
* Minesweeper – I built a knock off version of the classic desktop game Minesweeper that was played in the command prompt. You were able to control how big of a table you wanted to play on and it was up to the dev to decide the difficulty.
* And I have many more projects that implement advanced data structures.