**Edgar Paramo Soto**

Github: github.com/akaeddy :eparamo@csumb.edu **:** 831-566-7763 : LinkedIn: /edgar-paramo

**EDUCATION**

* **California State University, Monterey Bay** - **Class of 2020**
* **Final Bachelor of Science, Software Engineering**
* **Course Work:** Data Structures, Design & Analysis of Algorithms, Software Design, Multimedia Programming, Operating Systems, Computer Architecture

**LEADERSHIP EXPERIENCE**

* **CSUMB Programming Team, Officer Jan. 2018 - Current**
* Work in teams of 3 to complete daily coding problems that vary in difficulty to maximize coding skills
* Solving and discussing programming problems in preparation for programming competitions.
* Lead group competitions and choose/create different coding problems for them.
* **TA++, Teaching Assistant for Data Structures** **Aug.2018 - Jan 2019**
* Hold daily office hours that consist of leading study groups
* Hold daily lab exercises and walk around helping students that are struggling
* **2018 ACM International Collegiate Programming Contest** **Aug. 2018 - Current**
* ICPC is an annual multi-tiered competitive programming competition among the best universities of the world.
* Work remotely in groups to solve and analyze different coding problems

**PROJECTS**

* **Airline Reservation System, Java, Android Studio Fall - 2018**
* Implemented dynamic drop down menus and searching functionality through SQLite queries.
* Developed an Entity-Relationship Model and translated it into a relation schema to hold necessary information
* Used the MVC design pattern to create a cohesive application with streamlined readable code
* **Machine Learning program that recognizes different fruits Summer-2018**
* Implemented a Keras neural network to classify fruit
* Pre-processed images to increase algorithms efficiency
* **Escape Room Text Based game, C++ Spring - 2018**
* Learned and utilized efficient object oriented paradigms
* Implements a token randomizer to ensure each one game is completely unique

**LANGUAGES & TECHNOLOGIES**

* **Fluent**: C++, Python; **Familiar**: Java, C#, Machine Learning, Unix/Linux
* Tools: PyCharm, Visual Studios, IntelliJ, XCode, Repl.it, VS Debugger, Android Studio

**SPOKEN LANGUAGES**

* Spanish, English