

Dilan H. Guerrero Avila

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EDUCATION

- University of California, Riverside** Riverside, California
 - Bachelors of Science - Computer Science;* *Expected 2024*
 - Courses: Data Structures and Algorithms, Software Construction, Machine Organization and Assembly Language Programming*

SKILLS SUMMARY

- Languages:** C++, Swift, Python
- Frameworks:** SwiftUI, UIKit, Flutter
- Tools:** xCode, VSCode, Jupyter Notebook
- Platforms:** Linux, macOS, Windows
- Languages:** English, Spanish

EXPERIENCE

- JAS Mobile Truck Repair, Inc**
 - Secretary Assistant* *December 2019 - May 2020*
 - Managed and logged customer invoices.
 - Reviewed service summaries for inconsistencies.
 - Created and analyzed service time logs to better improve efficiency.
- JAS Mobile Truck Repair, Inc**
 - Diesel Truck Diagnostic Technician* *May 2020 - October 2020*
 - Performed computer aided diagnosis for engines, transmissions, and instrument panels.
 - Read and analyzed ECM fault codes.
 - Communicated problems with customer and mechanics in a clear and comprehensive manner.
- Amazon.com, Inc**
 - Warehouse Associate* *October 2021 - January 2023*
 - Received and sort incoming company inventory.
 - Worked with management to control and delegate inventory workload to different departments.
 - Resolved unexpected issues in shipments to mitigate negative impact on workload.

PROJECTS

- Dudgeon Escape!**
 - Main Developer*
 - Developed single-player 2D dudgeon crawler game using C++.
 - Designed 5 levels, each with their respective difficulty.
 - Worked with sprite artist to create unique environments and enemies for each level.
 - Published on Newgrounds.com on April 2019.
- EasyLyfe**
 - Main Developer*
 - Developed productivity app with the goal to allow users to better manage their tasks.
 - Implemented the ability to create and update a daily, weekly, or monthly schedule.
 - Programmed to send out notification when event is approaching to remind user.
 - Integrated iOS features that allows users to add schedule as widget on home screen for convenient and easy access.
- R'Schedule**
 - Developer*
 - Developed scheduling app for University of California, Riverside Students.
 - Integrated UCR's API to automatically fetch student information.
 - Designed intuitive and efficient UI using Flutter.
 - Implemented feature that allows students to get real-time directions to their classes with both Apple and Google maps.