

IAN

ALTOVEROS

SOFTWARE ENGINEER

SAN DIEGO, CA

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Technical Skills

Languages

C#, C++, Python, Java, Dart, HTML5, CSS3, JavaScript

Operating Systems

Windows, Linux

Development Tools and Software

Eclipse, IDE, BlueJ, Android Studio, Unity, Git, Vim, Trello, Github

Skills

Office 365 Admin, Active Directory, Help Desk Support, Windows Security

Relevant Coursework

Data Structures, Mobile Programming, Networking, Mobile & IoT Security, Assembly Language & Digital Circuitry

Education

California State University San

Marcos | 2021

B.S Computer Science

Developer Experience

Curbie | *Game Software (Mario + Kirby)*

Java

- ❖ Developed a Java based video game with a team to utilize Object Oriented Programming
- ❖ Created animated sprites that performed actions like colliding with enemies to satisfy users with interactive gameplay.

Python Chatroom | *Chatroom Service*

Python

- ❖ Client-server model chatroom developed in Python that utilizes the Socket library to allow communications between two applications.

Pawsibilites | *Dog Adoption application*

Dart

- ❖ Developed an application which an end-user can use to find information about various dog breeds.
- ❖ Utilizes Google Maps Platform Api to provide information about nearest adoption centers.
- ❖ Back-end of the application was provided by using Google Firebase for user authentication.

Starfield Escape | *Unity based video game*

Unity, C#

- ❖ Led a team in a sprint-style development of a Unity based video game in C# to provide an enjoyable user experience.
- ❖ Architected a robust UI to enhance the user experience & contributed to an advanced enemy pathfinding system.
- ❖ Created scripts for enemy AI & random procedural generations of levels and enemy assets made with Object-Oriented principles.

32x64 Matrix | *Light up LED Board*

Java, Arduino Mega

- ❖ Developed a program to create an image onto an LED board using an Arduino.
- ❖ Converted a moving image to a BitMap to map it onto the Matrix to play it in succession.

Other Experience

IT Specialist | *BrightBirdIT 2021-Present*

- ❖ Provided remote and on-site technical support to various end-users
- ❖ Assisted in delivering VoIP (Polycom, Cisco) Provisioning & Configuration for end-users
- ❖ Deployed Cisco & Meraki configuration for Network Connectivity
- ❖ Tested and evaluated Critical software updates and technology to assist the business

Barista | *Peet's Coffee 2018-2021*

- ❖ Coordinated with management to improve data to day operational process based on customer feedback to increase efficiency and overall satisfaction rate.