

# CHRIS ESQUERRA

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A software and game developer with a background centered on over a decade of multidisciplinary collaboration in the military healthcare industry, applying my talents to the world of software.

## TECHNICAL SKILLS

**Proficient with:** HTML/CSS - JavaScript - jQuery - Spring Boot - MySQL - Git - Agile - Jira

**Intermediate skills:** React - Typescript - Redux - MSSQL Server - C# - .Net - Node JS - TDD

## PREVIOUS EXPERIENCE

### **Social Solutions – Associate Level Software Engineer**

Austin, TX 12/2018 - 07/2019

- Constructed software as a service programs for Non-Profit Organizations in education sector
- Utilized .Net (C#, Entity Framework, MSSQL Server) to build back end applications
- Developed UI/UX Elements using Javascript, React, Typescript, and Redux
- Built microservice architecture integrating multiple existing API into new program functionality
- Reviewed existing tests in Jest and Chai, as well as research additional technologies for testing suite

### **United States Air Force – Assistant Director of Family Maltreatment Services**

San Antonio, TX 03/2013 - 05/2016

- Managed family violence intervention services to over 60k beneficiaries in/around San Antonio
- Established training program with SAPD, DFPS, and USAF leading to 30% reduction in case response time
- Coordinated departmental scheduling of over 40 recurring events with 22k attendance annually
- Supervised 35 clinical and administrative staff members at 3 geographic locations

### **United States Air Force – Mental Health Education & Outreach Specialist**

Republic of Korea 02/2012 - 03/2013

- Authored and distributed educational content to over 28k via theater presentations and radio broadcasts
- Orchestrated deployment and execution of suicide prevention education for 5k high risk personnel

## DEVELOPMENT PROJECTS

Pong. 07/2019

Remake of classic Pong game with sounds and animations, as well as a simple scripting AI with difficulty settings that responds to player behavior. Currently available in Windows 10 and macOS from my website.

Blasteroids 06/2019

Asteroids like game for macOS with my own animations, sound, and keyboard control support built using GameMaker Language. Currently available in Windows 10 and macOS from my website.

Closetry Corner 11/2018

A full stack Java app developed with Spring Boot featuring tools for users to upload and sort garments by various categories as well as plan and save outfits with recommendations based on weather near user.

Adlister Fever 10/2018

Full stack advertisement posting and sorting web app with geolocation and messaging features. Utilizes Java EE and MySQL to allow users to post, search, and sort through a relational database.

Math Practice 09/2018

Interactive game designed for preschoolers to practice their basic addition and subtraction skills with animations. Currently being redeveloped for release on Android.

## EDUCATION

**Codeup** - FullStack Web Development / San Antonio, TX 07/2018 - 11/2018

**Strayer University** - BS Information Technology / San Antonio, TX 10/2016 - 07/2020