

# Sergio Guerrero

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## Education

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**University of Texas at Arlington**

B.S. Computer Science GPA: 3.0

Arlington, Texas

Anticipated, May 2020

## Technical Skills

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**Languages:** C, C++, Java, SQL, C#, Swift, HTML

**Applications:** Vim, XCode, MS Visual Studio

**Operating Systems:** Windows, Linux, Mac OS X

**Database Applications:** SQL Server, MySQL

## Projects

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**The Social Network (TSN)**

September 2018-December 2018

- Group project for Fundamentals of Software engineering.
- TSN is a peer-to-peer social network application. Command line user interface using OpenSplice DDS.

**Maverick Ice Cream Emporium (MICE)**

October 2017-December 2018

- Project for Object-oriented programming
- MICE was a graphical user interphase that allowed different level users interact with the application and perform different functionalities based on their key.

**Animal Shelter**

February 2019-May 2019

- Created a website similar to Petfinder using HTML and CSS. Website uses PHP and MySQL server to update the database.

**Net Calculator iOS App**

June 2019-Present

- Created a calculator that calculates net pay. It uses IRS 2019 Publication 15 rates to calculate deductions based on income, marital status, and payment frequency.
- Initially a command line program written in C translated to Swift. Currently working on the UI and improving functionality.

## Experience

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**QA Analyst Intern**

June 2019-Present

Wingstop Restaurants Inc.

- Responsible for creating and executing test cases for developing KDS
- Regression testing, Functionality testing, User Acceptance testing
- Work closely with developers, daily deployment of API and React project to test environment
- Exposure to TFS, Visual Studio, Azure API, Command Center, .NET

## Memberships

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**Maverick Chess Club Webmaster**

August 2016-May 2018

Managed the UTA Chess Club website.

**Maverick Chess Club Vice President**

August 2018- Present

Improved the chess community at UTA.