Sergio Guerrero

Dallas-Fort Worth, Texas · Sergiog0698@gmail.com · 214.951.6179 · Sergioguerrero6.com

Education

University of Texas at Arlington
B.S. Computer Science   **August 2016- May 2020**
M.S. Computer Science   **August 2020- May 2022**

Technical Skills

Languages: C, C#,C++, Python, Java, SQL, C#, Swift
Applications: Vim, XCode, MS Visual Studio, Eclipse
Operating Systems: Windows, Linux, Mac OS X
Database Applications: SQL Server, MySQL, DbForge

Experience

Software Developer   **Jan 2021-Present**
Paycom Software, Inc.
- Enhanced the Tax Reporting Application's features by effectively fixing bugs and optimizing the performance of state and federal reports.
- Implemented new reports used by the tax team to automate manual filing.
- Migrated existing desktop application to a web application using .NET and React
- Exposure to C#, JIRA, JavaScript, SQL, Splunk

QA Analyst Intern   **June 2019-May 2020**
Wingstop Restaurants Inc.
- Responsible for creating and executing test cases for developing KDS
- Exposure to TFS, Visual Studio, Azure, Command Center, .NET

Projects

Vuzik Blade Glasses AR Application   **August 2020-May 2020**
- Created an Android Application for the Vuzik's Blade smart glasses.
- Implemented a Coin-counting featuring Using YOLOV3 that helps the user count coins by taking a picture of the coins and returns the number of coins and the sum of the coins.

App Data Mining   **September 2019-December 2019**
- Developed Data mining Web Application that included a search engine, Naïve Bayes Classifier, and Image captioning tool.

PlyCompiler   **September 2019-December 2019**
- Wrote a simple compiler in Python using PLY (Python Lex-Yacc) that compiles .asl programs.
- Executes Lexical, Syntactical, and Semantic analysis to generate target code.

PayCalculator   **June 2018-December 2018**
- Wrote a web application using React to calculate net pay using rates from IRS and input from user.

Memberships

Maverick Chess Club Webmaster   **August 2016-May 2018**
- Managed the UTA Chess Club website.
- Implemented simple web application using React.