Sergio Guerrero

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**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.