Christopher Michael Anzalone

3755 SW Karin St, Port St. Lucie, FL 34953
(954) 806-6654 canzalon@fau.edu
https://canzalon.github.io

Education

Florida Atlantic University, *Boca Raton, FL* Class Level: **Alumni**
Bachelor of Science in **Computer Science**, May 2014 Overall GPA: **3.38**

Related Coursework: Intro to C++, Intermediate C++, Foundations of Computer Science (+ Lab), Internet Computing, Data Structures and Algorithm Design, Intro to Logic Design (+ Lab), Intro to Database Structures, Intro to Microprocessor Systems (+ Lab), Computer Operating Systems, Intro to Game Programming, Intro to Artificial Intelligence, Stochastic Models for CS, Design and Analysis of Algorithms, .NET Component Programming, Principles of Software Engineering, Formal Languages and Automata Theory

Skills

Programming Languages: C++, C, C#, SQL, (X)HTML, CSS, JavaScript, PHP, Assembly (68000 MP)

Frameworks: .NET (ADO.NET, LINQ, ASP.NET), XNA

Applications: Microsoft Office Suite (Word, Excel and PowerPoint), VMWare, Visual Studio, Unity3D, XNA, MS SQL Server, Oracle, Bitbucket, Git, Confluence, Adobe Photoshop, Gimp, WinSCP, PuTTy, phpMyAdmin, gcc/g++

Systems: Windows XP, W7, Linux (Ubuntu), Unix shell, DOS shell

Other: Experience debugging code, troubleshooting basic computer issues, and willingness to learn new technologies.

Project Highlights

Foundations of C.S. projects: *These projects illustrate my formal transition from completely procedural to a basic aspect of object orientated programming; encapsulation. For a more mature demonstration of my ability with C++ and OOP, see the Data Structures projects below.*

- call-stats, call-stats2, call-records, mad-libs

Data Structures projects: *Implementations of ADTs using varying data structures. Two of the ADTs are string class implementations, one using dynamic arrays, and the other, a singly-linked list with a header. Another implements a circular queue using a doubly linked list data structure. Additionally, an 8x8 maze solver that utilizes an implementation of a stack data structure to find the solution steps from start to finish.*

- string-adt-array, string-adt-list, circular-queue-list, maze-solver

Database Structures projects: *A series of projects mostly involving SQL statements. Includes a couple of projects with an html interface, one of which uses Pro*C to handle html form requests. Additionally, there is a hash-based project (with external chaining as the CRM) for an employee records system.*

- hash-based-employee-system, sql-statements-spj-database, sql-system-html-interface, embedded-sql-proc-system-html-interface

.NET projects: *Projects based on the functionality of the .net framework and the libraries contained within it, including the use of the ADO.NET, ASP.NET and LINQ libraries. The component-based capability of .NET projects to modularize code into self-describing assemblies to simplify development and solve version issues is demonstrated as well.*

- .NET-CLI-process-library-assemblies, .NET-transact-sql-database, .NET-ado.net-linq-database, .NET-asp.net-web-applications

Other projects: algorithm-runtime-analysis, pipes, 15-puzzle-solver, craps-app, sql-ajax-web-doc-reader, ajax-web-doc-reader, xna-run-jump-platformer

For more information on all of these projects, visit ***https://github.com/canzalon?tab=repositories***