Charles Anderson

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EDUCATION

Bachelor of Science Degree in Computer Science, GPA: 3.88   Graduation: May 2023
University of Central Florida (UCF) - Orlando, FL

SKILLS

Programming: C, C#, Java, SQL, HTML, JavaScript, Swift and PHP   **Frameworks:** WinForms, .NET
Databases: MySQL, Microsoft SQL Server   **Languages:** English, Spanish
Other: Agile, Jira, Confluence, Trello, Visual Studio, SSMS, Microsoft Office Suite

EXPERIENCE

UCF - Lockheed Martin College Work Experience Program (CWEP)   June 2021 – Present
MFC Engineering Process Group
- Developed software using C# in Visual Studio for database importing and comparisons to enhance data validation between LM Corporate and MFC metric systems
- Constructed WinForms utilities to assist in uploading Excel data to SQL Server database
- Applied Agile methodologies to daily work and used tools like Jira and Confluence
- Utilized Interop services to create Excel and PowerPoint reports using C#
- Produced queries in SSMS to validate metric data

IBM Accelerate - Software Track, IBM   May – July 2021
- Created basic web interfaces to perform CRUD operations on tasks
- Developed a web-based task management application using HTML, CSS, and JavaScript

iOS App Developer Internship, XI Media - Orlando, Florida   March – June 2021
- Integrated graphics and optimized layout of the Flairr application
- Collaborated in a team environment using GitHub and XCode
- Created a view for the user profile page in Swift

PROJECTS

FoodGram – Object Oriented Software Development   March – May 2022
- Developed APIs for a food recipe management web application

Lonely Party Array – Computer Science 1   November – December 2020
- Created a program that breaks arrays into fragments to efficiently save data

Gaussian Center Weighted Running Average – Nasa Club LLCC   April – May 2019
- Built an application in Java which optimized line graphs
- Produced functions that implemented the Gaussian equation to produce data for line graphs

RELEVANT COURSEWORK

UCF: CS2, Database Systems, Processes for Object Oriented Software Development   November 2020 – May 2022
Supplemental via Udemy: iOS & Swift, Networking Essentials, Python   September 2019 – Present

ORGANIZATIONS

UCF Hack Club   September 2019 – May 2021
- Practiced the basics on how to operate a Linux based virtual machine
- Applied techniques in how to detect vulnerabilities in virtual machines

UCF's Python Club   November 2019 – April 2021
- Implemented basic web site interrogation and data extraction