*PEQs Tool* WPF

Team project where the team parsed Unigraph equations into C# for other fleet summary tools to pass live engine data from Pratt And Whitney Engines to be normalized for graph and plot visuals, thus allowing the monitoring team determine the health and state of engines.

*NGPF Tools* WPF

Team project where the team completed features to several plotting and fleet monitoring tools to the commercial side of Pratt and Whitney engines, specifically the NGPF turbo fan engines. The tool allows for the state of the engine to be tracked during all phases of flight.

*PAQT Tool* WPF

Team project where team built a tool from the ground up to replace the current system of tracking the stages of development of the individual and complete parts of the fans for the Pratt and Whitney Turbo Fan engines. The Tool allows for the engineers to assign and sign off on the disposition of a given fan blade on the basis of it being within tolerance

Project Experience

*Belcan Engineering, LLC May 2017 – August 2017*

Worked as a Front-End and SQL developer, developing tools for the client Pratt And Whitney. I made use of the team environment and the Agile/Scrum development to seamlessly integrate Microsft’s Team Foundation Studio into the development of the tool to meet the requirements and deadline of the client

Worked with C#, Unigraph, SQL, XAML, WPF, VBA

*Software Logistics, LLC* December 2016 – March 2017

Worked as a web designer and developer for the NuvIoT website, where I made use of AngularJS to pull data from a server, parse the data and display the data in a formatted bootstrapped website, making a modern website that works on multiple platforms

Worked with ASP.NET, HTML, CSS, Bootstrap, AngularJS, and JSON

*Fusion Advertising, Inc.* June 2016 – November 2016

Worked as a Lead Application Developer on The Frugal You coupon application for the Syracuse, New York area. The application makes use of Xamarin to distribute and build the app for both iOS and Android, as well as the database connection services to Microsoft Azure.

Worked with C#, Xamarin.Forms, SQL, and XAML

*Tier-Zero / StarkNetwork, LLC* June 2011 - Current

Worked as Web and Mobile application developer on personal and client driven products. Worked with clients to build websites that allow for tickets to be purchased and for their members to keep up to date on events. Developed applications for the Windows, iOS, and Android Stores.

Worked with C#, Xamarin.Forms, XAML, HTML, CSS, and Bootstrap

Work Experience

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Websites

*Portfolio*

Starkc1.github.io

*LinkedIn*

goo.gl/riuiTK

*Github*

goo.gl/wNQbu4

Software

Microsoft Visual Studio

Microsoft Visual Studio Code

Microsoft Xamarin Studio

MatLab

Adobe Photoshop

Catia

Eclipse

Languages

Python

HTML

XAML

C#

AngularJS

Ruby

C++

Bootstrap

CSS

Xamarin

Java

Contact Information

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Education

*Bachelors of Science in Software Engineering 2019*

Embry-Riddle Aeronautical University