T. Robert Ward, III

(910) 603-1621   trobisflying@gmail.com   github.com/TRIYGH   linkedin.com/in/t-robert-ward-809522a

Programmer

Python - utilizing Django & RESTful APIs

C# & C++ / Javascript / HTML / CSS

Pilot

Commercial License

Instrument Rated

What I bring to the table:

As evidenced below, I am a technical-by-nature type of person who not only loves programming, but has an equal love of aviation. I offer sharp programming skills with all the knowledge of a pilot wrapped in proven past success.

EXPERIENCE

The Iron Yard, Durham, NC - *Back-End Engineering with Python and Django*

July - September 2016

12-week intensive programming course aimed at fully preparing students with the skills of a junior level software developer with emphasis on approaching and solving problems as a developer.

- The course is broken into four three-week sections:
  - Python fundamentals: procedural and OO Programming, testing, data structures, libraries, Git and GitHub, thinking like a developer / problem solver, etc.
  - Data Science: analyzing data using relational databases, Pandas, NumPy, visualization, simulations, and machine learning with Scikit-learn.
  - Web development: Django, HTML, CSS, JavaScript, RESTful APIs, and Heroku.

Capstone Project - *ClearSkies*

https://github.com/TRIYGH/Above_The_Clouds

- A simplistic, single-page app that gives the general aviation pilot the ability to specify the waypoints of his or her flight plan that returns the cloud base measurements along the intended route of flight.
- Utilized the Google API to plot color-coded markers, representing the cloud conditions along the route. The markers are obtained in real time from the FAA weather stations located on approximately 3,200 airfields across the country.
- Focused on development and thorough testing of the API, which included the algorithms for calculating the latitude and longitude of the flight corridor that directed the AJAX calls to the database from the front-end using Django.
- Assisted over the full stack as needed for bug fixes and tweaks.

T. Robert Ward, CPA, pllc, Pinehurst, NC *- Owner / Partner*

December 2000 - December 2015

- Catered to ex-military overseas gov't contractors retiring out of the Special Operation units at Ft. Bragg. (from operators to intelligence analysts to 4-Star Generals to pilots to agency / bureau contractors)
- Built practice up to a 7 person firm -
    - Managing employees and independent contractors alike
    - Obtaining new clientele
    - Running the day to day operations
- After 15 successful years, I sold in December, to facilitate my desire for a career change

Deloitte & Touche, Charlotte, NC *- Senior Staff Accountant*

December 1998 - December 2000

KPMG Peat Marwick, Charlotte, NC *- Staff Accountant*

July 1996 - November 1998

Lehman Brothers, New York City, NY *- Associate*

1991 - 1992

EDUCATION

The Iron Yard at Durham   *Certificate - Back-End Engineering with Python*

July - September 2016

N.C. State University, Raleigh, NC   *Master of Accounting - Tax Concentration*

June 1995 - May 1996

University of North Carolina at Chapel Hill   *Bachelor of Arts - Advertising*

August 1987 - December 1991