

# STEPHEN N. McFARLAND

<https://www.linkedin.com/in/snmcfarland/> | <https://stephenmcfarland.github.io/portfolio> |  
<https://github.com/StephenMcFarland> | [snmcfarl@purdue.edu](mailto:snmcfarl@purdue.edu) | (317) 210-0086

## Student at Eleven Fifty Academy Microsoft .NET Course 3/2019 - 5/2019

- HTML, CSS
- C# Console Apps
- ASP .NET C# Microsoft Web Application Framework MVC 5 Full CRUD
- Web API
- Angular 7 Material TypeScript
- Completed whiteboard challenges in C# logic and class structure, MVC and n-tiered applications, definitions of SOLID and APIE
- Participated in Agile Development Strategies (Scrum) including sprints, standups discussing yesterday's work, today's work, and impediments or blockers
- Failed in 24-hour mini sprint in team of 3 working on Angular app
- Used Integrated Development Environments Visual Studio 2019, Visual Studio Code
- Gained experience with Object Oriented Programming (OOP) with C#, JavaScript
- Programmed in code with C# types, including Strings, Integers, Booleans, Chars, and Doubles
- Implemented loops, methods, and conditional statements with boolean logic in a web page
- Created professional online portfolio to display work and knowledge attained
- Performed software development with version control systems (Git) in command line terminal and GUI tools individually and in teams
- Debugged coding errors while referencing online resource tools such as Stack Overflow
- Developed pattern for continuous learning and improving skills through online resources
- Created ASP.NET web applications with MVC pattern for ease of testing and maintenance
- Worked with Service Layer performing full CRUD on SQL Server LocalDB
- Composed Controllers and modified Routing to fit the needs of the application
- Built and consumed RESTful services in .NET WebAPI (Postman for testing)
- Used Entity Framework and Code First Migrations
- Installed appropriate packages using NuGet Package Manager
- Added CSS features to an application using 3rd party libraries (Bootstrap)
- Wrote Unit Tests based on different classes, methods, and properties
- Solved various business challenges using C# for Console Apps

## EDUCATION

**Purdue School of Engineering and Technology, Indiana University at Indianapolis** – Graduated December of 2016

- Master of Science in Technology

**Kelley School of Business, Indiana University at Indianapolis** – Graduated December of 2006

- Bachelor of Science in Computer Information Systems
- Minor in Spanish

## RELEVANT WORK EXPERIENCE

<b>Kelly Educational Services</b>	<b>Indianapolis, IN</b>	<b><i>Intervention Teacher</i></b>	<b>9/2018 –10/2018</b>
<ul style="list-style-type: none"><li>• Provided support and teaching in Math, Perry Meridian Middle</li></ul>			
<b>BCForward</b>	<b>Indianapolis, IN</b>	<b><i>Education Analyst</i></b>	<b>4/2018 –5/2018</b>
<ul style="list-style-type: none"><li>• Graded ISTEP responses remotely</li></ul>			
<b>Zionsville Community Schools</b>	<b>Zionsville, IN</b>	<b><i>Special Education Teacher</i></b>	<b>9/2017 –12/2017</b>
<ul style="list-style-type: none"><li>• Performed all duties associated with Resource Teacher for 6th grade students</li></ul>			
<b>Kelly Educational Services</b>	<b>Indianapolis, IN</b>	<b><i>Guest Guidance Counselor</i></b>	<b>7/2017 –9/2017</b>
<ul style="list-style-type: none"><li>• Coordinated Partnership Day event with more than 1300 people involved</li><li>• Called businesses and educational institutions to contribute and participate in Partnership Day career fair</li><li>• Raised more than \$3,000 for Area 31 Career Center, Ben Davis H.S.</li></ul>			
<b>Kelly Educational Services</b>	<b>Indianapolis, IN</b>	<b><i>Special Education Teacher</i></b>	<b>1/2017 –6/2017</b>
<ul style="list-style-type: none"><li>• Taught High School Sophomore Inclusion English at Ben Davis H.S.</li></ul>			
<b>Kelly Educational Services</b>	<b>Indianapolis, IN</b>	<b><i>Business Teacher</i></b>	<b>11/2016 –12/2016</b>
<ul style="list-style-type: none"><li>• Taught High School level Business, Accounting, and Business Law courses at Ben Davis H.S.</li></ul>			
<b>Vincennes University</b>	<b>Indianapolis, IN</b>	<b><i>Adjunct Faculty, Advanced Web Design</i></b>	<b>8/2016 –11/2016</b>
Vincennes University, Indiana's first college, is the State's premier transfer institution and leader in innovative career programming.			

The VU community ensures educational access, delivers proven associate and baccalaureate programs, and offers cultural opportunities and community services in a diverse, student-centered, collegiate environment.

- Developed and delivered lessons in HTML, CSS, and JavaScript
- Encouraged Early College students in a diverse urban school setting to pursue college degrees

**Indianapolis Public Schools Indianapolis, IN**

***Teacher***

**8/2012 – 6/2016**

- Taught middle school computer coding
- Co-taught Math as Special Education Teacher
- Created Individual Education Plan for students with special needs
- Directed middle school robotics club

**21st Century Charter School @ Gary Gary, IN**

***Teacher***

**5/2011 – 6/2012**

- Lead instruction of proper use and navigation of computers and Internet in grades K-5
- Taught Gateway to Technology course within Project Lead The Way curriculum in grades 6-8
- Taught computer education in grades 9-12
- Taught Android Mobile development with MIT App Inventor

**ProTrans International Indianapolis, IN**

***Instructional Designer***

**8/2008 – 1/2009**

ProTrans is a third-party logistics provider that coordinates less-than-truckload shipments. ProTrans also provides warehouse management services. With 28 locations across the United States and Mexico, ProTrans has nearly 500 employees and generates yearly revenue of more than \$100 million.

- Created and delivered learning content modules through website using Adobe Captivate, Dreamweaver, Flash, Photoshop
- Assisted with maintenance of Learning Management System; used SQL to run training reports, Classic ASP with database

**Tom Raper, Inc. Richmond, IN**

***Web Developer***

**5/2007 – 5/2008**

Tom Raper, Inc. provides products and services to the consumer in the recreation vehicle industry. Tom Raper, Inc. produces more than \$65 million in annual sales revenue and employs over 200 employees in a two state area.

- Constructed complete website helping sales revenue exceed \$500K. (<http://www.marcolmarfirearms.com>)
- Reworked existing site (<http://www.tomraper.com>) written in ASP 1.0/HTML increasing functionality and visual appeal.
- Managed Google Adwords campaign for maximum online market reach increasing web traffic 100%.
- Reported to general management periodically to identify progress and plan upcoming projects.