

# Ryan Stepanek

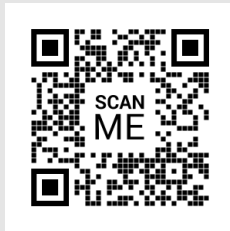
## Data Scientist

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Located in Saint Michael, MN

<https://datastepanek.com>



## Profile Summary

I am a career consultant and Data Scientist who enjoys breaking down complex problems into simple and impactful components. I am ready to take my skills in Data Analytics, Machine Learning, AI, and business consulting and put them to work for you.

## Education

University of Texas At Austin –  
McCombs School Of Business

I am currently enrolled in the [Post Graduate Program in Machine Learning and Artificial Intelligence: Business Applications](#) offered by the University of Texas At Austin, ranked 3rd in the US for business analytics. [View my portfolio.](#)

University of Tulsa - B.S. in Computer Science

## Clearance

Capable of maintaining a clearance at the TS/SCI level, inquire for further details.

## Skills

**Programming Languages:** Python, Java, C, C#, C++, HTML/CSS/JavaScript

**Libraries and APIs:** Pandas, Numpy, Scipy, Sklearn, Keras, Tensorflow, Anaconda, d3.js, Seaborn, Node.js, MapBox, Selenium

**Scripting Languages:** Bash, PowerShell

**Softwares:** MS Word, MS Excel, MS PowerPoint, MS SharePoint, Unity, Google Earth, Jira, Jupyter Notebook, Google Collab

**Databases:** MS Access, SQL, MongoDB

**Version Control Systems:** SVN, Git

**Project Methodologies:** Scrum, Agile, Kanban

**Operating Systems:** Windows, Mac OS, Linux

**Misc. Skills:** Data Dash-boarding and Visualization, technical documentation, self-starter, and lifetime learner

## Professional experience

**Data Scientist, Distance Digital (Houston, TX) 2018-present**

Working with energy companies (oil and gas) and local businesses as an independent consultant, I utilized my strong analytic skills to derive insights into customer data, breakdown those insights into meaningful and actionable recommendations, and provide final deliverables to customers. Typical technologies and methodologies included Python (Pandas/Numpy/etc...), Excel, MatLab, industry specific tools, MS PowerPoint, MS Word, Agile, git, strong analytics and modeling skills.

**Senior Consultant, Deloitte LLP (Virginia) 2016 -2018**

Consulted with both private and public sector companies as Subject Matter Expert for Simulation and Modeling. Strict Agile/Scrum environment. Projects ranged from API integration and data dash-boarding with HTML/CSS/JS to multi-thousand agent based physics simulations in Scala with integration of geo data. Typical technologies included Python, Scala, d3.js, git, MS Word, MS Excel, MS PowerPoint, and various APIs and emerging technologies.

**Consultant, Radiant Blue Technologies (Virginia) 2014 -2016**

Supported NRO mission via analytics and programming skills with a focus on Aerospace data. Created autonomous agent simulation to analyze constellation efficiency. Daily tasks included generating deliverables for customer from analytics through simulated data and deriving actionable insights for customer as well as data dash-boarding. Strong Agile/Scrum environment. Technologies included Matlab, Python, Java, MS Excel, MS Access, MongoDB, SQL, Git, Jira, etc...

**Data Scientist, Federal Government (Virginia) 2012 -2014**

Used analytic skills to solve challenging problems in a diverse mission space. Solutions regularly required developing new techniques to meet mission requirements. Data analysis was a daily occurrence with projects utilizing NLP techniques, ETL and EDA methodologies, Python, shell scripting, and application of statistical analysis.