
PARAMJOT SINGH

SOFTWARE APPLICATION ENGINEER

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(812)-344-5254
[Website](#)

Profile

Interested in exploring complex datasets through the use of open-source data science tools to solve problems and develop products with wide-ranging business impact.

Skills

Data Science

Building applications and tools to understand and turn data into actionable insights

Software Design and Support

Designing and supporting features for an engineering simulation software

Problem Solving

Solving complex problems that require multi-disciplinary thinking and collaboration with diverse teams

Technical

R

Shiny

Machine Learning

Github

HTML

GT-SUITE

Linux

Windows

OSX

Experience

Data Science Specialization

John Hopkins University, Bloomberg School of Public Health

2016-2017

Learned and applied data science tools to solve complex problems, manage large datasets, deploy statistical principles, create visualizations, build and deploy machine learning algorithms and create data products.

Gamma Technologies

Senior Engineer, Applications

2012-2017

Helped increase user base of an industry-leading engineering simulation software through global technical customer support, designing, developing and testing new features, training existing customers and helping potential customers during software evaluations.

Cummins Inc.

Performance Systems Integration Engineer

2006-2011

Evaluated and recommended new engine and catalyst technologies for increased fuel efficiency and lower emissions for variety of on-highway and off-highway products. Developed and implemented novel processes to measure emissions and engine performance through designed experiments and analyzing complex data sets using statistical methods.

Education

Michigan Technological University

Masters in Mechanical Engineering — **3.87 GPA**

John Hopkins University

Data Science Specialization through Coursera