

JOHN MAXWELL

DATA SCIENTIST



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BLOG
CpuKnows.com

I am driven by two main philosophies: know more today about the world than I knew yesterday and lessen the suffering of others.
- Neil deGrasse Tyson

I'm motivated to deliver solutions to difficult problems to better the lives of my family, friends, coworkers and community. I've demonstrated this through my work both at the office and my continued self-education. I can improve your company not only by contributing, but by helping my coworkers to grow and learning from my senior team members.

> WORK EXPERIENCE

- DataCo Solutions** *DATA SCIENTIST*
April 2015 - Current
Contractor
Extract useful information from domain experts and clients
Clean and pre-process data, feature creation
Univariate and Multivariate statistical analysis
Data visualizations and content for presentations to clients
Extensive use of R and R libraries
- Continental Automotive** *EMBEDDED SOFTWARE ENGINEER*
May 2011 - June 2014
Chicago, IL
Developing RTOS components such as hardware integrity checks, resource monitoring, inter-processor communication and over-the-air flashing
Working with intensive resource constraints
Delivering fault tolerant code with low defect counts
Integration and validation testing in test and production environments
Personal ownership of subsystem implementation and testing
- Office of Information Technology (UIC)** *INFORMATION TECHNOLOGY ASSISTANT*
May 2010 - May 2011
Manage hardware and software updates on department computers

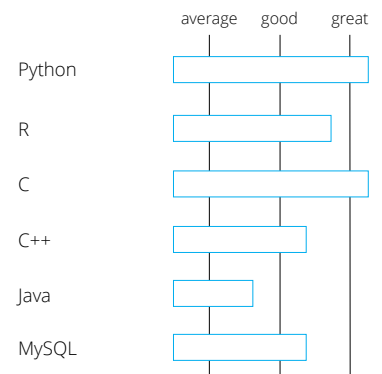
> PERSONAL WORK

- Personal Education** *MACHINE LEARNING*
July 2014 - Present
Completed Andrew Ng's Stanford Machine Learning course through Coursera
Great familiarity with tools used in Python stack: NumPy/SciPy/Pandas/Scikit-Learn
- Personal Education** *KAGGLE COMPETITIONS*
July 2014 - Present
Use a variety of techniques including ensemble methods, online learning, SVMs, text classification, gradient descent, Bayesian methods and deep learning
Experience cleaning and normalizing messy data
Consistently surpass competition benchmarks
- Google Code Jam** *PROGRAMMING COMPETITIONS AND CHALLENGES*
Ludum Dare Game Jam
Hacker Rank
Project Euler
Focus on extracting underlying systemic rules and algorithmic efficiency
Competition against world class talent
Learn to work in perpetual crunch time under pressure
Requires multidisciplinary knowledge of a solution process and implementation
Expands knowledge of programming language features and math techniques
Work with unique problems requiring creative solutions outside of comfort zone

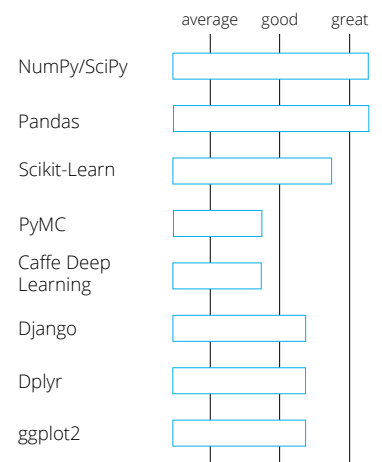
> EDUCATION

- Bachelor of Science** *Computer Science - Software Engineering Concentration*
2008 - 2011
University of Illinois at Chicago

> LANGUAGES



> LIBRARIES



> PROFESSIONAL SKILLS

