

# 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

- 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

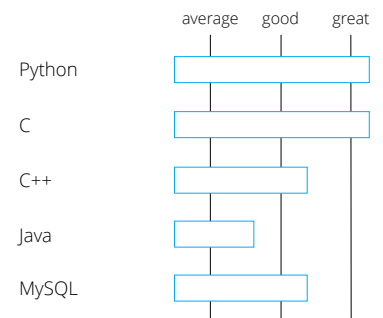
### > PERSONAL WORK

- 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

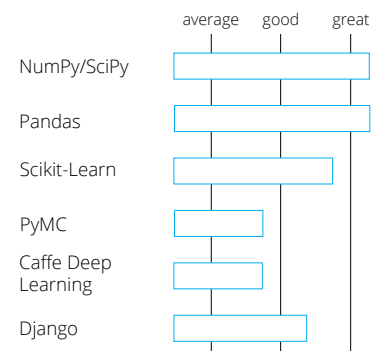
### > EDUCATION

- Bachelor of Science **Computer Science - Software Engineering Concentration**  
2008 - 2011  
University of Illinois at Chicago  
GPA: Major: 3.23 / 4.0 Overall: 3.38 / 4.0

### > LANGUAGES



### > LIBRARIES



### > PROFESSIONAL SKILLS

