Justin **Woodard**

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PROFILE

Master's Degree in Industrial and Systems Engineering, with bachelor's degrees in psychology and sociology.

Proven experience in statistical analysis, usability testing, and data visualization.

Educated in process improvement, quality, and process control, as well as information systems and SQL

Skillset includes SAS, MS Excel, MS Access, Java, HTML, CSS, Visual Basic, and C++.

EDUCATION

Master of Science - Industrial and Systems Engineering – Graduation: May 2014
North Carolina A&T State University, Greensboro, NC
GPA: 3.61/4.0
Subject Areas: Human Factors, Operations Analysis, Manufacturing
Masters Project: Assessment of Information Visualization Tools use for Public Health Datasets

Bachelor of Arts - Psychology, Sociology - Graduated 2008
North Carolina State University, Raleigh, NC

SKILLS

Six Sigma Green Belt **Tableau** **MS Access** **Java** **HTML** **CSS**
Simio **Morae** **MS Excel** **SAS** **C++** **Visual Basic** **JQuery**

EXPERIENCE

North Carolina A & T State University
Graduate Teaching Assistant

- Taught engineering concepts and ethics
- Collaborated with faculty regarding teaching duties
- Assisted students with questions regarding engineering and design
- Responsible for grading homework, quizzes and other assignments

National Library of Medicine, National Institutes of Health
User Experiencer Research Intern

- Coordinated with cognitive science and computer science branches to perform a usability study of a prototype web application
- Translated user/customer requirements into software requirements
- Developed skill with data analysis, data mining, and data visualization

Bridgestone/Firestone Tire Mfg.
Engineering Intern

- Developed familiarity with lean manufacturing, kanban implementations, and pull systems
- Maintained utilities and services for K1S tire building machines