

John R. Parkinson

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Education

Western Illinois University - Moline/Macomb, IL

Bachelor of Science in Engineering - Expected May 2012

Bachelor of Science in Meteorology - Expected May 2012

Cumulative GPA: 3.96 (4.0 scale)

Spoon River College - Canton, IL

Associates of Art and Science - May 2008

Certificate in Website Design - May 2008

Cumulative GPA: 4.0 (4.0 scale)

Qualifications

- Completed coursework in Finite Element Analysis, Fluid Dynamics, Thermodynamics, Atmospheric Dynamics, Heat Transfer, Mechanical and Structural Design, Material Science, Manufacturing Engineering, Project Management, Engineering Graphics, and Mechatronics
- Exposure to SolidWorks, AutoCAD, Engineering Equation Solver (EES), COMSOL Multiphysics, MATLAB, Granta CES Selector, Microsoft Project, and Microsoft Office software packages
- Training in HTML and XML
- American Meteorological Society Student Research Presenter (2010)
- Western Illinois University Undergraduate Research Day Presenter (2009)
- Western Illinois University Severe Weather Club Webmaster (2009-10)
- Spoon River College Student Senate President (2007-08) and Treasurer (2006-07)
- Spoon River College Honors Program (2006-08)
- Golden Key, Gamma Theta Upsilon, Phi Kappa Phi and Phi Theta Kappa Honor Societies
- Phi Theta Kappa All Illinois Academic Team (2008)
- Canton High School Valedictorian Graduate (2006)

Work Experience

Quad City Manufacturing Laboratory - Rock Island, IL

Engineering Intern (June 2011 - Present)

- Manufacturing of titanium, lightweight composites and other advanced materials
- Exposure to Spark Plasma Sintering and Laser Additive Manufacturing Technologies
- Senior Design Project: Created FEA model of Spark Plasma Sintering Process to optimize graphite tooling design

DJ4U Corp - Peoria, IL

Vice President / Lead Entertainer (March 2004 - Present)

- Master of Ceremonies and Disc Jockey at weddings, corporate events, school dances and private parties
- Responsibilities include:
 - Meeting with potential and current clients
 - Providing event planning advice to clients
 - Supervising operations at events to ensure events run according to customer's specifications
 - Setting strategy and overall vision of company
 - Creating annual budget

Spoon River Electric Cooperative - Canton, IL

Website Design Intern (January 2008 - May 2008)

- Planned layout of new SREC website
- Constructed new website from the ground up
- Presented finished product to SREC Board of Directors and made adjustments based on the board's input