Heather N. Johnson

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OBJECTIVE

Seeking to obtain an internship or full-time job after graduation in areas such as risk analysis, systems analysis, or requirements management.

EDUCATION

Bachelor of Science in Systems Engineering, George Mason University, Fairfax, VA, Anticipated June 2015, Cumulative GPA 3.24

PROJECTS

Systems Engineering — Senior Design Project
August 2014 - Present — Fairfax, VA Developing a tool to be used in the FAA human factors certification process. This tool will increase time efficiency and cost effectiveness when certifying new devices to be placed in an airplane cockpit. Accomplishments included creating context and Stakeholder Analysis(tensions and win-win analysis), began a budget, found critical path associated risks, developed a preliminary business case, and established the requirements analysis.

Systems Engineering — Requirements Management Project
2013 — Fairfax, VA Developed a parking availability system. System was created to provide students, visitors and other users knowledge of available parking in general permit lots throughout the George Mason Campus. Accomplishments include Mission, Design, and Functional Requirements, and was the team secretary.

EXPERIENCE

Analotics — Operations Research Engineer
Developing a context, functional and non-functional requirements, detailed business plan, and possible marketing and monetization strategies for a startup to help George Mason's campus parking system. This system will read license plates to verify accurate means of identifying authorized vehicles in parking areas.
2014-Present — Fairfax, VA

BrotherPortal — Part-time Intern
Prepared a business model, developed marketing strategies, wrote and tested requirements for a startup company that specializes in organizing events, billing, and connecting a fraternity's affairs within one website.
2014-Present — Fairfax, VA

La Tolteca — Waitress
May 2013 - September 2014 — Fairfax, VA

EXTRA-CURRICULAR ACTIVITIES

Elected *Secretary*, INCOSE GMU
Appointed *Professional Development Chair*, Theta Tau Professional Engineering Fraternity– Organized events: Resume Workshops, Employer Talks, Matlab Workshop, Company Tours
Appointed *Academic Chair*, Theta Tau Professional Engineering Fraternity– Created position because wanted more focus on academics
Volunteer, Valley Mission Homeless Shelter, Staunton, VA
Volunteer, Mission Trip to Honduras

BASIC SKILLS

Python, Java, MS Office (Word, Powerpoint, Excel), MS Project, Vitech-CORE, Magic-Draw, Matlab, Arena

REFERENCES

Available Upon Request