**Isaac Herbert**

240 Moon Street | Dayton, OH 30326

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**SUMMARY**

**AGRICULTURAL ENGINEERING PROFESSIONAL** with skills in engineering and scientific work to resolve agricultural issues, problems, and conditions arising from the production and processing of food and fiber materials and management of natural resources in rural locales. Experience conducting research and planning projects. Strong critical thinking, problem solving, research and communication skills. **Currently pursuing *a Master in Environmental Engineering degree.***

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**PROFESSIONAL EXPERIENCE**

**University of Wisconsin**

123 Madison Avenue, Madison, WI 12345

**08/2015 – Present**

**Hours/week:** 20

**RESEARCHER AND GRADUATE STUDENT**

**Duties, Accomplishments and Related Skills:**

*Currently pursuing a* ***Master in Environmental Engineering degree****. Expected graduation: 5/2017.*

*GPA:3.6/4.0*

**RELEVANT COURSEWORK**: Agricultural Engineering Principles; Qualitative Methods; Cost-Benefit Analysis; Organizational Behavior; Ethics; Environmental Law; Environmental Systems, Organization and Management; Agricultural Administration; Engineering Standards.

**AGRICULTURAL ENGINEERING:** Acquired knowledge in application of theories, principles, practical concepts, processes, and systems related to the science of agricultural engineering. Utilized agronomy and engineering, and physical sciences and technologies to improve the quality of rural and urban life through natural resources management and the production and distribution of food and fiber materials. Collaborated with the farming industry and rural communities to explore and resolve issues, conditions, and problems impacting agricultural and natural resources.

* Researched and wrote 35-page paper on Malibya, an agricultural project in Mali-owned and run by the Libyan government. Paper surveyed the impact of the project on indigenous and local communities in the Office du Niger region, covering how their water and land rights were affected. Described the problems the project has encountered in terms of human rights violations, inadequate supply of water to traditional residents and pastoral peoples, violations of both Malian and international law, and the potential effects of climate change on the project and the region.
* Researched and wrote second paper looking at recent acquisition of agricultural land in poorer nations by richer nations and corporations. Analyzed the impacts of these acquisitions on host countries and peoples, and compared and contrasted these policies and their effects to those of the colonial era.

**LED AND PARTICIPATED IN FULL RANGE OF RESEARCH ACTIVITIES** for team and individual projects. Researched and reported on various topics to include: traditional engineering science disciplines; engineering design codes, techniques, and practices to aid in the solution of agricultural and farming needs such as structures, equipment, systems, and processes; physical science disciplines; advanced mathematics and social science disciplines; and critical inquiry, analytical reasoning, problem solving, and scientific methodology. Developed innovative and practical applications to support disaster management, coastal and land use planning, agriculture, and natural resource management. Led extensive, complex analytical studies to identify root problems of global land acquisitions deals.

***Intern, Central American Desk, US Agency for International Development, Washington, DC***

Drafted response to Congressional inquiry on USAID-funded Guatemalan agricultural programs. Prepared talking points on Nicaraguan political and economic issues. Wrote report on structural adjustment programs in Central America for the Division Director.

**Academic Advisor**: Name, Phone, email **Okay to contact**: Yes OR Contact me first

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**American Plant**

123 Shower Street, Madison, WI 43205

**04/08/2014 – Present**

**Salary:** $13 USD Per Hour

**Hours/week:** 40

**LANDSCAPE DESIGNER / ARCHITECT**

**Duties, Accomplishments and Related Skills:**

**OVERSEE LANDSCAPE DESIGN, PLANNING, AND MANAGEMENT:** Develop concepts, principles, designs, plans, specifications, and estimates related to landscapes architecture. Address all aspects of Landscape Architecture, including design, hardscape, grading, water management control and drainage, native planting, irrigation, and lighting. Keen understanding of green infrastructure, site planning and layout of circulation patterns, grading and drainage plans and planting plans. Apply knowledge of large-scale facility planning with architectural and engineering design techniques, construction codes and methods including reading architectural drawings, engineering drawings and specifications.

* Extensive knowledge and understanding of related sciences to include: architecture; ecology; sustainable design; civil engineering; electrical engineering; survey; communications; computer aided design; construction management; land use planning and design; agricultural engineering; and conservation and materials testing related to construction renovations.

**EXPERIENCED HORTICULTURIST**: Coordinate the production of standard and non-standard plant specimens, such as temperate plants, tropical and subtropical plants, and display crops. Prepare and maintain special beds including pruning, weeding, mulching, fertilizing, spraying plant materials, and applying pesticides. Evaluate and diagnose structural and horticultural issues in plant materials and trees to determine the proper corrective action. Follow approved horticultural practices, procedures, and plans. Determine the need for watering, trimming, pruning, feeding, and insect and plant disease control when scheduling maintenance and plant care assignments. Apply fertilizer and chemical control agents using foliage feeding, root feeding, and soil additive techniques.

**PROJECT MANAGEMENT EXPERTISE**: Oversee management and crew installation. Develop and track a project from concept through construction completion including researching, documenting and developing designs, communicating graphically through the use of digital media (such as AutoCAD and Adobe Suite), supporting and assisting project leaders on project-specific tasks. Accomplish new construction and renovation efforts using constrained budget and time resources. Provide leadership, consultation, and guidance to project teams working with diverse architecture matters.

**EXPERT COMMUNICATION SKILLS**: Write a monthly article in a new publication, *Palisades Magazine*, on landscape topics for Montgomery County community. Effectively use email, written correspondence and presentations to convey key information, summarize decisions and explain procedures. Condense technical data and financial information into succinct and organized pieces for incorporation into easily understood reports and presentations.

**Supervisor:** Name, Phone, email **Okay to contact**: Yes or Contact me first

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**Ray’s Boathouse**

123 Boathouse Lane, Damascus, MD 12345

**09/01/2013 – 03/30/2014**

**Salary:** $12 USD Per Hour

**Hours/week:** 40

**LEAD HOST**

**Duties, Accomplishments and Related Skills:**

**EXCELLENT CUSTOMER SERVICE SKILLS**: Greet arriving guests, maintain a host book including schedules, reservations and assign duties for co-hosts. Ensure requirements for all guests are met. Extensive experience working in a high-demand environment with shifting priorities using a high degree of ***judgment, diplomacy and political savvy***. Ensured compliance with licensing laws and Federal, state and local regulations.

**Supervisor:** Name,Phone, email **Okay to contact**: Yes or Contact me first

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**Home Depot**

8871 Plank Road, Fredericksburg, VA 22407

**03/01/2009 - 08/30/2012**

**Salary: $**10.65 USD Per Hour

**Hours per week**: 32

**SALES ASSOCIATE / STOCKING CLERK**

**Duties, Accomplishments and Related Skills:**

**USED PROGRAM MANAGEMENT SKILLS** to manage efficient and effective operations in fast-paced environment. Ensured consistent and efficient workflow for store operations. Examined, established and administered policies and procedures and coordinated daily functions. Conducted frequent reviews to keep process on track, gauge progress and assess milestones and technical requirement deadlines. Provided expert oversight for the successful completion of store operations and programs and analyzed metrics to track performance.

**OPERATED EQUIPMENT AND MACHINES:** Operated several mechanized equipment including forklifts, reach trucks, order pickers, panel saws and table saws. Unloaded inbound shipments safely and moved product to storage locations. Efficiently stacked and stored the merchandise in the appropriate areas. Ensured inbound and outbound shipments were accurate and free of damage. Pulled and prepared product for shipment, ensuring that the exact number and type of product was loaded and shipped.

**QUALITY CONTROL AND PROBLEM RESOLUTION**: Executed inventory calculation, inventory validations and redistribution of merchandise as required. Ensured all items were displayed according to policy and in-stock in sufficient quantities. Inspected inventory for product deterioration, spoilage and deficiency. Ensured pricing accuracy and proper allocation for items. Conducted periodic inventories of merchandise on hand. Ensured proper stock rotation and replenishment of depleted stock was performed as required. Analyzed problems and issues, and advised management of recommended solutions. Distinguished between relevant and irrelevant information to make rational decisions. Provided automated solutions to organizational problems.

**PROVIDED EXCELLENT CUSTOMER SERVICE** through analysis of customer feedback and focus of attention on areas requiring improvement. Evaluated client needs and developed, planned, executed, and managed communication strategies. Identified and fulfilled client needs with products and services within sphere of influence. Greeted visitors and customers, gave store directions and improved shopping experience. Answered customer questions, and provided requested information. Recognized by management and clients for exceptional customer service practices.

**CRITICAL THINKING, JUDGMENT AND DECISION-MAKING:** Used logic and reason to identify the strengths and weaknesses of alternative solutions, conclusions and approaches to problems. Keen understanding of implications of new information for both current and future problem-solving and decision-making. Identified complex problems and reviewed related information to develop and evaluate options and implement solutions.

**Supervisor:** Name,Phone, email **Okay to contact**: Yes or Contact me first

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