Kelly Wright

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PROFESSIONAL PROFILE

Software developer and former analytical chemist, with a penchant for innovation.

PROJECTS

Order's Up: Restaurant Order Management System   **2016**

This project utilizes the AngularJS - REST Django framework and seeks to solve the problems of restaurant waits (for both seating and food) and table turnover rates through an end-to-end order management system.

EXPERIENCE

Lexmark International / Aerotek   **Gas Chromatography Specialist**   **2007 – June 2016**

Leadership

- Project Manager for the third annual Youth Science Summit
  - Managed five volunteer committees of 25 and 190 day of event volunteers
  - Doubled year-to-year student participation for this full-day STEM event
  - Operated within minimal budget while driving new innovations
- Won Lexmark's fourth Entrepreneurial Challenge
  - Presented winning concept (with a business case focus) to Lexmark's executives
  - Applied for three Patents related to this concept
- Presented at Lexmark's third Entrepreneurial Challenge
  - Lead a 7-person team through a five day idea development process
  - Pitched initial and final concepts to a broad, Lexmark audience
- Managed layouts, laboratory colleagues, and construction teams for a lab renovation
- Coordinated and budgeted monthly events for a 100-person area

Technical

- Trained colleagues in Boulder, Colorado on GCMS operation and maintenance
- Developed new, analytical GC testing methods
- Reduced maintenance costs $4000 annually through self-maintenance initiatives
- Developed methods, maintained, and operated UV-Visible spectrometers
- Quantified a variety of raw materials, final products, and unknown samples
- Identified unknowns using GCMS, NMR, and IR
- Reduced analysis time, technician time, solvent volume, and cost in a new foam method
- Presented a new analytical method (on foam) at Lexmark's Technology Symposium

University of Kentucky, Lexington, KY   **TA and NMR Assistant**   **2005-2007**

EDUCATION

Awesome Inc, Lexington, KY   **2016**

Web Development Bootcamp

Transylvania University, Lexington, KY   **2005**

Bachelors of Chemistry and German

LANGUAGES & TECHNOLOGIES

- Software Development, HTML, CSS, JavaScript, AngularJS, Python, Django, Heroku, Git, PostgreSQL API Development, Agile Methodologies

COMMUNITY INVOLVEMENT

- Inventor and mentor for the Scentple project with the University of Kentucky Venture Studio
- Volunteer and leader at Youth Science Summits hosted at Lexmark