

Jonathan T. Prell

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Cincinnati, OH

www.github.com/JTP709

Full Stack Web Developer with a passion for JavaScript and four years of diverse professional experience in the field of Health and Safety as an EHS Professional. Looking to leverage my drive for continuous improvement into a new career as a Full-Stack Engineer.

Skills

- **Programming, Database, and Markup Languages:** Python, JavaScript, PostgreSQL, HTML5, CSS3
- **Frameworks and Libraries:** Flask, jQuery, Knockout.js, Bootstrap
- **Additional Skills:** Linux (Ubuntu distribution), AWS (Lightsail), Apache2 HTTP Server, Google APIs

Projects

Portfolio Site [GitHub Link](#) *November 2017*

- Professional portfolio site to provide prospective employers an opportunity to review my professional work.
- Deployed on a Python/Flask back-end and jQuery front-end.

Emergency Event Manager [GitHub Link](#) *October 2017*

- Real-time event mapping app to assist an Emergency Manager during a major disaster event.
- Built using Knockout's JavaScript library and MVVP framework, Google's JavaScript API, and FourSquare's API.

Safety Management System [GitHub Link](#) *August 2017*

- Compliance system to help small businesses easily manage their recordkeeping within regulatory guidelines.
- Deployed using Python with PostgreSQL back-end architecture, 3rd party authentication, and Bootstrap front-end UI.

Work Experience

Amazon.com *September 2015 – October 2017*

Safety Specialist *Hebron, KY*

- Collaborated with operations team across 7 departments to reduce night shift injuries by 50% through training, concise reporting methodologies, and proactive engagement of the 1,500+ associates.
- Deployed StrongArm Tech's FUSE Platform to achieve a 33% reduction in injuries in the most high-risk departments and 0 muscle strain or ergonomic-related injuries for the associates participating in the program.
- Coordinated with Vaculux and Amazon Engineering to pilot a new material handling solution that generated a 10% increase in productivity with zero injuries on two test stations.

Marathon Petroleum Company *August 2014 – August 2015*

Health, Environmental, Safety and Security Co-Op *Detroit, MI and Cincinnati, OH*

- Authored site-specific emergency response procedures, facilitated emergency management training across 4 shifts, and coordinated with external emergency response agencies including the Cincinnati Fire and Police Departments.
- Collected noise dosimetry sampling data and produced a noise isopleth for the 250-acre MFD Refinery.

Barnes Aerospace *September 2013 – May 2014*

Environmental Health and Safety Co-Op *West Chester, OH*

- Participated in 2 Kaizen events that reduced employee exposure to air contaminants by 66% while reducing waste.
- Inventoried 200+ individual machine items then rebuilt the work order system to reduce redundant work orders by 33% while improving regulatory compliance documentation processes.

Kentucky Army National Guard *February 2006 – February 2008*

Signals Intelligence Analyst *Louisville, KY*

- Produced detailed analytical datasets from metadata intelligence for the 20th Special Forces Group (Airborne).
- Partnered with NCO Leadership in field support tasks during high-risk airborne operations with 0 injuries.

Education and Certification

Udacity www.udacity.com

▪ Full Stack Web Developer Nanodegree *November 2017*

Eastern Kentucky University *Richmond, KY*

- Master of Science in Safety, Security, Emergency Management *August 2015*
- Bachelor of Science in Homeland Security and Criminal Justice *May 2012*