

Harrison Lynch

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Education

- 2011-2015 **Bachelor of Science in Industrial Engineering**, *University of Pittsburgh*, Pittsburgh, PA.
Summa Cum Laude - QPA 3.78 in Major, GPA 3.804
Minor in Mathematics
Coursework: Productivity Analysis, Materials Handling and Facilities Layout, Linear Programming and Probabilistic Operations Research, Human Factors Engineering, Design of Experiments and Quality Assurance
- Summer 2013 **Study Abroad: Engineering for Sustainability**, *Munich University of Applied Sciences*, Munich, Germany.
◦ Formulated a business plan for increasing sustainable tourism by repairing discarded bicycles found at train stations to be sold as rental bikes to hostels who did not offer any such services.

Experience

- 2013-2015 **Accenture Operations Workforce Optimization**, *Co-op*, Pittsburgh, PA, 3 rotations.
◦ Developed and validated engineered labor standards using MOST analysis and time studies, identifying process improvement opportunities for the client.
◦ Configured interfaces between a StandardsPro database and a Kronos labor forecasting system, allowing a retail client to minimize instances of under or overstaffing locations.
◦ **Key Outcomes:** Delivered staffing solutions that allowed clients to maximize utilization and schedule labor based on the appropriate volume drivers and standards responsible for the work of employees.
- Summer 2015 **Accenture Technology Vision Team**, *Internship*, San Jose, CA.
◦ Prepared content for the 2016 Accenture Technology Vision by researching ethical issues and business implications surrounding the use of personal data in emerging technologies.
◦ Communicated research findings to Accenture Technology leadership on a weekly basis to receive feedback and refine focus to maximize the quality of the research efforts.
◦ **Key Outcomes:** Planned and launched a collaborative research effort with 20 external stakeholders focused on the intersection of data and ethics.
- Spring 2014 **Freshman Engineering Conference Co-Chair**, Pittsburgh, PA.
◦ Advised 6 pairs of freshman engineers on writing a research paper with topics related to sustainable industrial engineering. Held weekly meetings with the groups to provide feedback and refine writing mechanics.
◦ **Key Outcomes:** Improved freshman engineer's technical writing and presentation skills that they will need sophomore year and beyond.

Leadership

- 2013-Present **Theta Tau - Professional Engineering Fraternity**, *Brother*.
Brotherhood Chair, Organized transportation to and from fraternity social events, ensuring that all brothers and pledges were provided with a safe ride.

Skills

Computer: Excel, PowerPoint, Access, MiniTab, StandardsPro, R, Python, C++, Matlab, LaTeX
Industry: MOST certification, Time Study certification, 5-S, Engineered Labor Standards

Organizations

Alpha Pi Mu Industrial Engineering Honors Society
IIE Institute of Industrial Engineers