

# Alexander T. Jonsson

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## PROFESSIONAL EXPERIENCE

### Memorial Sloan Kettering (MSK) Cancer Center

New York, NY

*Nationally ranked cancer treatment and research institution founded in 1884*

*Data Analyst, Office of Development*

August 2015 – Current

- Lead data integrity projects by writing and running inspection scripts and resolving record discrepancies for 11.5MM record database balancing magnitude of issue, sensitivity of accounts, and resource loading of team; work collaboratively across 12 departments, including fundraisers, developers and operational personnel (25+ projects)
- Manage the import of opt-in patients into fundraising databases to ensure regulatory compliance, verify matches to existing records, and link related accounts
- Coordinated 2-year, \$6MM client resource management software upgrade project for 220-employee department which tracks more than \$300MM in annual charitable donations
  - Presented findings of existing database clean-up to departmental groups in order to optimize transition
  - Executed user interface testing and designed workflows for 12 internal department groups and 3 external parties, facilitated using JIRA and agile tracking methodology
  - Converted several fundraising programs' data for insertion into new database, interfacing directly with program managers and the software vendor
  - Administered month-long department-wide interactive onboarding program encompassing 17 different courses; created supporting materials to aid instructors and participants
  - Assist post-implementation stabilization to enhance cross-team collaborations and resolve workflow issues based on input from staff such as constructing and testing key value-added email alerts for fundraisers

### IQ Innovations

Atlanta, GA

*Industrial parts sourcing company servicing the North American and European wind turbine industry*

*Sales Engineer*

June 2013 – July 2015

- Supported origination and execution of \$4.6MM in orders sourcing industrial transmission components
- Acted as primary US sales-arm for a Spanish gear manufacturer generating \$3.8MM in North American revenue
- Employed production tracking, shipping logistics, and quality assurance documentation for manufacturing partner in Spain, increasing annual reorders by \$730k (200%)
- Analyzed technical documentation and past quotations to develop pricing models of gearing
- Developed system for tracking purchase orders and invoices resulting in successful shipping cost negotiations, improved cash planning, and earlier turn-around for quotations and status reports

### Pinnacle AIS

New Orleans, LA

*Software consultancy for asset reliability and integrity programs in the oil & gas industry*

*Asset Integrity Consultant*

June 2012 – June 2013

- Implemented a risk-based inspection program (real-time tracking of intra-plant pipelines' and pressure vessels' remaining lifetime) for Valero Energy's 250k barrel/day St. Charles refinery
- Calculated economic risk for over 10,000 assets based on past history and degradation models
- Consolidated internal and client-specific databases to create reports for client presentations

## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

*Bachelor of Science in Mechanical Engineering*

August 2008 – May 2012

- **GPA:** 3.84 / 4.00 – Highest Honors, Tau Beta Pi Engineering Honor Society; Associate of Energy Engineers Scholarship, George W. Woodruff Mechanical Engineering Scholarship

### HBX: CORE | Harvard Business School

Online

*150-hour certificate program covering business analytics, economics for managers, and financial accounting*

- Pass with High Honors

May 2016 – August 2016

## INTERESTS AND OTHER

**Interests:** Running (fundraising \$3.5k for Fred's Team), swimming, Swedish and Spanish cuisine, electronic music

**Programming Skills:** Proficient in JIRA and SQL. Working knowledge of JavaScript, HTML/CSS.

**Languages:** Spanish (conversational) and French (elementary proficiency)

**Eagle Scout:** Led a group of 15 in building and installing boardwalks in a wetlands conservancy