

# Megan C. Jasek

6900 East Green Lake Way N, #444; Seattle, WA 98115

Cell: 206-755-0005 Email: [megan@alum.mit.edu](mailto:megan@alum.mit.edu)

<https://www.linkedin.com/in/meganjasek>

Data scientist. Experienced project manager. Eleven years of experience in the software industry managing complex, cross-functional projects. Dynamic and passionate. Able to work in both start-up and established companies.

## SKILLS SUMMARY

- R, Python
- Apache: Spark, Hive, Hadoop
- D3, Tableau, SQL, MongoDB
- Machine learning
- Statistical Analysis
- Amazon Web Services (AWS): EC2, S3

## EDUCATION

- Master of Information and Data Science (MIDS), University of California, Berkeley, graduation August 2016
  - Machine Learning at Scale
  - Advanced Statistics
  - Advanced Data Storage/Retrieval
  - Data Analysis and Data Visualization
- Project Management Professional (PMP) certification, 2004
- Master of Science in Computer Science, Massachusetts Institute of Technology (MIT), 1995
- Bachelor of Science in Computer Science, Massachusetts Institute of Technology (MIT), 1994

## PROJECTS

### **Kaggle Facial Key Points Detection Competition, May 2016**

Created convolutional neural network to predict 15 locations (example: tip of the nose) on the human face given 96x96-pixel digital images of faces. Used Python with Theano Python library on an AWS GPU server.

### **Video Rating and Prediction System, May 2016**

Created a video collection, rating and prediction system. Collected Twitter, Facebook and YouTube video data using Python APIs from each source. Stored data in a MongoDB database using PyMongo Python library. Used Apache Spark's MLlib machine learning library and Python to create a logistic regression model to predict video popularity.

### **Million Song Database Analysis, December 2015**

Parsed Million Song Database files (HDF5 format) and stored them in AWS S3 as comma separated values (CSV) files. Used Apache Hive to aggregate additional song data from Billboard charts and stored it in a MySQL database. Used R and Shiny to display histograms, scatter plots and linear regressions about song data.

## WORK EXPERIENCE

### **Washington Source**

*IT Manager*

**Seattle, WA**

*10/13-1/14*

Analyzed industry software and technical solutions to create most cost-effective software and hardware strategy. Analyzed data storage and hosting solutions. Analyzed RFID solutions. Created IT budget. Purchased hardware. Reviewed vendor service contracts. Resolved employee issues.

### **Seattle Public Utilities – Drainage Group**

*Project Management Support*

**Seattle, WA**

*3/07-11/07*

Worked on complex, multi-agency projects. Wrote scope, schedule and budget documents. Tracked budget and tasks. Documented capital planning. Wrote and edited Comprehensive Drainage Plan (CDP) Report.

### **Washington Mutual (WaMu)**

*Technical Project Manager*

**Seattle, WA**

*7/03-7/05*

Managed WaMu Intranet (serves 50,000 employees) projects. Managed schedule, resources, risks, and issues. Completed projects with aggressive timelines and met customer expectations. Communicated weekly status and worked through complex technical roadblocks. Budgeted projects and tracked project

finances. Created cost-benefit analyses for new projects. Worked with Microsoft to resolve SharePoint issues.

- *Projects:* new WaMu Intranet, migration to new Microsoft platform, non-production and production Intranet platform environments, disaster recovery plan, regular releases with feature enhancements.
- *Process:* Organized chaotic team when assigned to project during execution phase. Established project processes for monthly/quarterly releases to production. Followed corporate project methodology.
- *Team:* Managed all teams of project: customer, requirements, user experience, development, testing, infrastructure and operations (about 50 people). Resolved team performance issues.
- *Technology:* MS SharePoint v2, MS Content Management Server 2002, MS Windows 2003, MS SQL Sever 2000, MS .net Framework
- *Awards:* Received recognition for project management for Intranet projects in July 2004.

### **Nordstrom.com**

*Program Manager/Project Manager*

**Seattle, WA**

*1/00-11/02*

Managed complex, cross-functional projects for Nordstrom web site. Managed schedule, resources, and issues. Wrote and tracked projects in MS Project. Completed projects on time and to specification. Tracked project finances in MS Excel. Worked with software vendors to implement projects. Juggled 1 or 2 big projects and 5-10 small projects at one time. Interfaced with operations, quality assurance, creative development, product development, and business groups. Wrote and verified functional specifications. Raised flags when risky technical decisions were made.

- *Projects:* checkout, promotion engine, live chat, code template, Nordstrombeauty.com, gift card issuance and redemption, move to new data center, store manager tool, integration with Amazon.com, anniversary sale (7 page project plan), integration with full line store brand book, order history.
- *Process:* Ensured processes worked (fixed them when they did not). Implemented MS Solution Framework (MSF) project methodology. Wrote project methodology. Implemented NIKU project management tool.
- *Development Group:* Oversaw weekly code builds to production environment. Worked with a team of 15 developers. Built development group from 6 to 15 people. Led development group. Led twice weekly development group meetings.
- *Team:* Managed 5-8 project managers and developers at a time. Wrote reviews. Conducted one on ones. Resolved personnel performance issues.
- *Technology:* ASP, HTML, MS Visual Basic, MS Site Server, MS Windows 2000, MS SQL Sever 2000, Java, XML, MS .net Framework
- *Awards:* Received recognition for achievements in August 2002.

### **Trilogy Software**

*Consultant and Project Manager*

**Austin, TX**

*9/95-11/99*

Deployed Trilogy software on multiple 6-9 month projects. Team size: 5-30. Project budgets: \$200K to \$1.5M.

- *Technologies:* MS IIS, ASP, MS NT Server, MS Visual Basic, MS SQL Server, MS Access, Oracle, Netscape, MS Internet Explorer, Java
- *Trilogy technologies:* Configuration, quoting, pricing, order entry, replication systems. System integration.
- *Project Management.* Scoped projects. Created time, cost and resource estimates. Staffed projects. Created project plans. Managed issues. Delivered project phases on time and on budget. Worked with projects through whole project life cycle. Worked with aggressive schedules. Improved project methodologies.
- *Requirements Management:* Documented current business practices. Gathered requirements. Wrote sales proposals for potential clients. Created use cases and testing plans.
- *Team Management:* Worked with developers, difficult clients, new consultants and subcontractors.
- *Financial:* Collected invoices. Handled financial and contractual issues. Negotiated with clients.
- *Technical Presales:* Designed and implemented technical Trilogy product demonstrations. Answered potential clients' technical questions.

### **INTERESTS**

- Improv, biking, traveling, playing Scrabble, cooking and baking pies