

KEVIN HARTMAN

[Portfolio/kevin-hartman.io](https://portfolio.kevin-hartman.io) | [GitHub/kevin-hartman](https://github.com/kevin-hartman) | [LinkedIn/kevin-hartman-](https://www.linkedin.com/in/kevin-hartman-)

PROFILE

- Hands-on technology leader with experience in design, development and delivery of complex software systems. Managed initiatives from \$100K to multimillion-dollar efforts.
- Experienced practitioner in data engineering, data science, application of emerging technologies, design research and experimentation, and lean product development.
- Senior member of a leadership team that built a \$65M consulting organization.

RELEVANT SKILLS

- Quantitative methods for statistical analysis
- Experimental design and causal inference
- Exploratory data analysis and feature engineering for applied machine learning
- Deep learning with natural language processing
- Distributed data processing and petabyte-scale machine learning pipelines
- Effective visualizations / design for human perception / storytelling with data
- Edge devices, device prototyping and IoT
- Cloud/data platforms and serverless technologies
- Domain-driven design, microservices and event driven architectures
- Planning, defining and managing large-scale enterprise solutions
- Agile practitioner and certified scrum master
- Lean product: value-prop, jobs-to-be-done, business model canvas and user journeys
- Career learner with a focus on strategic thinking and creative problem solving
- Visual storyteller, facilitator and team builder
- CliftonStrengths: Responsibility, Learner, Restorative, Achiever, Relator, and Arranger

TECHNOLOGIES

- Jupyter, Anaconda, RStudio
- Keras, TensorFlow, PyTorch, PyTorch Lightning, Sklearn, Pandas, NumPy, SciPy
- Matplotlib, GGPlot, Tidy, Seaborn, D3.js, Altair, Tableau, Adobe Illustrator
- Apache NiFi, Kafka, Hadoop, Livy, Spark, Databricks
- Microservices, Docker, Yaml, Domain-driven Design
- Cloud Infrastructure, Message Brokers, ESBs, Lambdas
- Java, C#, Python, PySpark, R, C/C++, JavaScript, Bootstrap
- Object-oriented Design, TDD, BDD
- Relational SQL, OLAP, NoSQL
- GCP, Azure, AWS
- IoT, Device Programming, Edge Computing
- Linux/Ubuntu, Bash, Git; Windows and MacOS

EDUCATION

- **University of California Berkeley**
Master of Information and Data Science, 4.0/4.0 – 2020
- **University of Illinois Urbana-Champaign**
Bachelor of Science, Electrical and Computer Engineering, Dean's List – 1991

INDUSTRIES

- Accounting, insurance, publishing, financial services, e-commerce, human resources, travel and transportation, logistics, commercial property management, building controls, manufacturing, market research and analytics.

EXPERIENCE**Product Manager | ML Engineer | Data Scientist | Technical Architect, Independent Technology and Business Consultant, 2018 – Present**

- Designed cloud-native technology solution for a next generation data management platform in the medical accreditation industry using domain-driven design and serverless microservices.
- Managed delivery of a large-scale CRM solution with third party data integrations for a global industrial packaging manufacturer.
- Determined product-market fit and managed delivery of a software product in financial and investment services industry using Business Model Canvas, Design Sprints, Lean Product Playbook, Design Thinking and Agile Software Delivery.
- Assembled and optimized a data-pipeline process using Apache NiFi, Spark, Livy, Kafka, and Spark Structured Streaming.
- Trained machine-learning model for fraud detection using Python and Scikit-learn, and developed a data pipeline process for deployment.

Vice President, SPR Consulting, 2015 – 2018

- Managed key client relationships and delivery engagements.
- Researched and delivered emerging technology solutions for strategic clients.
- Nurtured company culture of highly productive cross-functional teams.
- Defined 300-page collection of best practices for professional services software delivery.
- Pursued strategic initiatives on behalf of the CEO and CTO.

IoT Practice Lead, SPR Consulting, 2017 – 2018

- Defined IoT market strategy and offerings, and initiated partnerships.
- Performed R&D in consumer, commercial and industry 4.0 space.
- Built unique internal IoT products and facilitated hands-on IoT training labs.
- Mentored staff in the IoT space.

Digital Strategist | Digital Lead, SPR Consulting, 2015 – 2017

- Developed four startups into a \$5M portfolio of investments from ideation to execution using business modeling, technology strategy, and delivery management.

Principal Architect, Redpoint Technologies, 2002 – 2015

- Facilitated hundreds of interactive workshops for ideation, scoping and project definition.
- Managed 50+ projects across industries, from Fortune 500 to early startups.
- Built system architectures, from e-commerce portals and data analytics applications to sophisticated yield-management processes and multi-threaded grid solutions.
- Conducted Agile training camps, assessments and organizational transformations.
- Managed teams and delivered solutions using Agile methods and industry-leading architecture and design practices.
- Advised business owners in refining and validating their ideas and business models.
- Conducted architecture reviews with recommendations on technology/strategy advice.