Paul Desmond

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Microsoft certified principal data scientist with 10 years of experience creating models that predict stock prices and investment returns. Achieved 23% higher improvement and accuracy. Seeking to expand in a growing field.

WORK EXPERIENCE

Principal Data Scientist, Danaher
Cortland, MA • April 2017 — March 2021

- Developed a vision, framework, approached and planned for each of your projects
- Set milestones as project goals, provided direction, gave team the ability to understand what is expected of them to move the projects forward
- Set and communicated the desired outcome of the projects is a critical part of your role
- Built and maintained broad process and technology development and implementation skills
- Led & supported the development, optimization and migration of new or existing technologies
- Brought the technology challenges into R&D through translating problems to implementation
- Developed technology concepts and guided equipment selection
- Assisted in implementation of technology from R&D to launch
- Supported intellectual property, marketing and sales departments with relevant expertise
- Defined projects and led small project teams to develop innovations

Data Scientist, Abiomed
Danvers, MA • September 2014 — February 2017

- Designed new statistical and physiological features for time series data
- Evaluated algorithm performance in offline (in silico) and live (in vitro, in vivo) environments
- Collaborated with software teams to implement algorithms on embedded hardware
- Maintained concise descriptions of algorithm design specifications and performance evaluations
- Performed variability analyses for model optimization
- Quantitatively and qualitatively evaluated new ML/AI techniques and integrate into algorithm design
- Communicated algorithm designs and performance results to cross-functional stakeholders

Technical Data Scientist, DELL
Hopkinton, MA • January 2013 — August 2014

- Provided thought leadership to deliver transformative AIOps solutions on our SaaS platform
- Provided strategic direction to the planning, design and architecture of high quality, complex software systems
- Worked with customers and product experts to blaze a trail in autonomous data center management
- Solved customers' complex IT problems using innovative analytical processes and techniques

CONFERENCE

The Machine Learning Conference
2019

Open Data Science Conference
2017

Title, Activity Name, etc.
City, State • January 2019 — Present

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SKILLS

R Studio, Python, Cloudera, Data Visualization, Modeling, Machine Learning, Statistics, Problem Solving, Critical & Creative Thinking, Communication, Organization, Time Management

CERTIFICATIONS

Microsoft Professional Program Certificate, Certification of Professional Data Engineer

EDUCATION

Bay Path University
Longmeadow, MA • 2008 — 2010

Master's in Data Science
GPA: 3.8/4.0

Becker College
Worcester, MA • 2004 — 2008

Bachelor of Science in Computer Science
GPA: 3.6/4.0