

REBECCA PATTERSON

Data Scientist

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I am a data scientist and healthcare industry veteran with experience working at multiple venture-backed health tech startups. Leveraging my interpersonal, technical, and analytical skills, I now help mission-driven companies use data to understand business problems and identify solutions. I approach data science through the lens of curiosity and always strive to understand the end user value.

SKILLS AND CERTIFICATIONS

- General Assembly Data Science Immersive Course
- Languages: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook, GitHub, SQL
- Tools: Confluence, JIRA, SmartSheets, LucidChart
- NextGen Certified Professional

EXPERIENCE

GENERAL ASSEMBLY – DATA SCIENCE IMMERSIVE PROGRAM

Data Science Immersive Fellow

Jun 2021 - Present

- Completed 480+ hour immersive program, including 20 labs and 6 projects, using applied data analysis, machine learning and visualization techniques, such as Python, Pandas, NumPy, SciKit-Learn, GitHub, SQL and Matplotlib
- Capstone project: using Bureau of Transportation data, analyzed millions of flights between 2018 - 2019 to build a machine learning classification model to accurately predict flight delays
- Cyber bullying detection project: using thousands of comments from the Wikimedia foundation built a classification model that could predict the likelihood that an online comment contained a personal attack, toxic language or aggressive tone
- Reddit project: analyzed thousands of posts from the Bumble versus Tinder subreddits to accurately classify which subreddit a post was coming from

GLYTEC - Insulin Management Healthcare Tech Company

Director, Solutions Delivery

Feb 2021 - May 2021

- Managed a 2-person team of solutions architects implementing software at top healthcare systems in the country
- Used strong technical aptitude to work with product and engineering teams to roll out an enhanced version of our software that improved and simplified end user workflows by eliminating double entry for nurses in their electronic medical records

Senior Solutions Architect

Mar 2019 - Feb 2021

- Responsible for communicating with technical and non-technical teams to implement diabetes management software at healthcare institutions across the United States
- Translated technical requirements to non-technical audiences to facilitate smoother and faster implementations

Solutions Architect

Nov 2018 - Mar 2019

- Technical lead for up to 5 simultaneous technical implementations of diabetes management software
- Worked closely with project management teams to define requirements to roll out implementation of JIRA and SmartSheets, including multiple testing sessions

KYRUUS - Patient Access Healthcare Tech Company

Senior Solutions Architect

Feb 2017 - Sep 2018

- Oversaw implementations for two of the largest West Coast health systems as an advisory subject matter expert and main technical point of contact for escalation
- Worked closely with Commercial Delivery leadership to develop new processes that shortened the implementation process from 16 weeks to 8 weeks
- Communicated frequently with Product Management to relay customer feedback to inform backlog prioritization of new features and enhancements

Solutions Architect

Feb 2016 - Feb 2017

- Facilitated several health system implementations as a senior product subject matter expert working closely with internal and external stakeholders
- Architected custom integration solutions for a large West Coast health system with complex business requirements and multiple data system dependencies to support a directory of over 20,000 physicians

Solutions Consultant

Mar 2015 - Feb 2016

- Served as the technical point of contact and product subject matter expert during customer implementations
- Worked closely with implementation managers and solutions engineers to stand up data integrations with EHR systems

Product Manager

Jan 2014 - Mar 2015

- Worked directly with Chief Product Officer to scope the initial development of a new Physician Directory Management application that now supports over 250,000 physicians in the US
- Facilitated sprint planning, timely execution of product development and test/release schedules with engineering leads

QA Analyst

Nov 2011 - Jan 2014

- Developed and facilitated end-to-end test procedures for pre-release sign off
- Wrote automated front end functional tests in Python using Selenium library

EDUCATION

BOSTON UNIVERSITY - SCHOOL OF PUBLIC HEALTH, BOSTON, MA

Jan 2012 - Jan 2013

Masters in Public Health program selected coursework

Completed courses: Intro to Biostatistics, Intro to Statistical Computing, Intro to R: Software for statistical computing, Intermediate Statistical Computing and Applied Regression Analysis, Statistical Genetics I

MCGILL UNIVERSITY, MONTREAL, QUEBEC

Sep 2004 - May 2008

Bachelor of Arts in Psychology, Mathematics, and Statistics