Dean Foulds

Software engineer

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Personal statement

I am an experienced software engineer with newly developed skills in machine learning. Educated in technology and writing code to create systems that are reliable and user-friendly. Skilled leader who has the proven ability to motivate, educate, and manage a team of developers to collaborate, test and deploy reusable code. Confident communicator, scientific thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight their core competencies, and further their success.

Relevant Experience

Lead Developer @ Minerva Ballet
(May 2017 to present)

Full stack Ruby on Rails Developer responsible for designing, maintaining web application
Work with a variety of different languages, including Ruby, Javascript, React and Python.
Communicate with multi-disciplinary teams of designers, producers, and clients on a daily basis

Developer @ Civic Reactor
Nov 2016 - April 2018

Worked with a team of three programmers to deliver Angular projects for public sector.
Produced one CQC carehome application and one commercial charity application. Interfaced with clients on a weekly basis, providing technological expertise.
Responsible for coaching and mentoring junior developers

Quality Engineer @ Ametek Aerospace
(May 2015 to December 2016)

Lead Quality Engineer, responsible for designing and implementing AS9100 QMS
Conducting aerospace audits and RCCA tasks on a daily basis.
Facilitated engineering meetings involving stakeholders.

Skills

Programming languages

Python, Ruby, Javascript, Basic, HTML/CSS, Octave/MATLAB, LaTeX

Libraries and frameworks

Rails, Angular, React, Django, SQL, Neo4J, Pandas

Tools

Git/Github, Heroku, Netlify, Firebase

Education

Kaggle
April 2020

Data analysis and machine learning

Stanford University
Dec 2019 – Feb 2020

Machine learning with Andrew Ng

Le Wagon Bootcamp
August 2016

Completed the inaugural Ruby on Rails boot camp in London

Open University
October 2013 – present

Mathematics and Physics Bsc(Hons)

Bournemouth Commercial Flight Training
February 2004 – March 2006

Airline transport pilots' licence

Interests

Skiing, theatre, opera