Ronan Casey

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Can reliably take a brief and fulfil it creatively and technically. A clear communicator, methodical with my work and documentation, and comfortable undertaking tasks myself or with a group. Enthused and excited by the possibilities of software development, I am productive when faced with challenges and remain composed under pressure.

SKILLS

— GENERAL —

Attention to Detail ◦ Quality Control ◦ Precision ◦ Presentation ◦ Conceptual Thinking ◦ Problem Solving ◦ Supervising ◦ Time Management ◦ Multitasking ◦ Budgeting ◦ Cost Control ◦ Cost Reduction ◦ Customer Service ◦ Inventory Management ◦ Collaboration ◦ Product Design ◦ Handle Pressure ◦ Planning ◦ Health & Safety

— TECHNOLOGIES —

Python ◦ Numpy ◦ Pandas ◦ Matplotlib ◦ R ◦ HTML ◦ CSS ◦ JavaScript ◦ Git ◦ Bash ◦ SQL ◦ NPM ◦ React ◦ Jupyter Notebook ◦ Keras ◦ sklearn ◦ Tableau ◦ AWS Deep Learning AMI

PROJECTS

Iceberg Identification

- Developed Transfer Learning image classification CNN model, augmented radar data to increase training set size, implemented Stratified K-Fold Cross Validation to improve robustness of model.

- Reduced log loss score from a benchmark of 0.22 to a more accurate model achieving a log loss score of 0.17.

Customer Segment Identification

- Performed thorough analysis of wholesale customer accounts data.

- Implemented unsupervised learning by training a KNN algorithm to identify two distinct customer segments to be addressed discretely when testing a new cost saving order delivery schedule.

Kickstarter Campaign Duration

- Cleaned and explored campaign data, created interactive Tableau story board of the most successful campaigns in 3 sectors.

- Recommended a campaign duration of 30 days to improve likelihood of reaching the funding target in the selected sectors.

EDUCATION

Full Stack Software Developer Diploma	Code Institute	Dec. 2019 – Apr. 2020
Machine Learning Engineer Nanodegree	Udacity	Jun. 2018 – Dec. 2018
Data Analyst Nanodegree	Udacity	Aug. 2017 – Jun. 2018

EXPERIENCE

Paper Pet Shop, Technical Operative
2015 – 2019

Constructed Display Models ◦ Configured Shop Displays ◦ Transacted Sales ◦
Directed Demonstration Classes ◦ Streamlined & Supervised Packaging Process

Private Event Caterer
2003 - 2017

Composed menus ◦ Produced menu items ◦ Budgeted ◦ Provided Customer Service ◦ Placed Orders ◦
Liaised with customers to deliver solutions customised to their requirements ◦
Managed logistics for catered events ◦ Supervised assistants ◦ Maintained Hygienic Standards

Highlife, Ski Chalet Chef
2006 & 2008

Managed Kitchen Operations ◦ Budgeted ◦ Planned Menus ◦ Produced menu items ◦ Customer Service ◦
Supervised assistants ◦ Placed Orders ◦ Maintained Hygienic Standards

YSE, Ski Chalet Chef
2005

Managed Kitchen Operations ◦ Designed Menus ◦ Produced menu items ◦ Placed Orders ◦ Budgeted ◦
Customer Service ◦ Supervised assistants ◦ Maintained Hygienic Standards

INTERESTS

Passionate about cooking food from all over the world.
Keen vegetable gardener & wild food forager.
Extensive interest in music production methods and associated technologies.
Wholeheartedly enjoy snowboarding off-piste.
Keeping up to date with equity investment opportunities.

REFEREES

Brian McSwiney	Simon Egan
Paper Pet Shop	Highlife
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