

# 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

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### — 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 ◦ Git ◦ Bash ◦ JavaScript ◦ SQL ◦  
NPM ◦ React ◦ Jupyter Notebook ◦ Keras ◦ sklearn ◦ Tableau ◦ AWS Deep Learning AMI

## PROJECTS

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### 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.
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## EDUCATION

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Machine Learning Engineer Nanodegree	Udacity	Aug. 2017 – Jun. 2018
Data Analyst Nanodegree	Udacity	Jun. 2018 – Dec. 2018

## EXPERIENCE

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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

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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

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