

# Damien Lockhart

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76 Malkin Drive, Church Langley, Harlow, Essex, CM17 9WH

07772645181 | [ds.lockhart@outlook.com](mailto:ds.lockhart@outlook.com) | [https://github.com/dslockhart/Coding\\_Examples](https://github.com/dslockhart/Coding_Examples) | D.O.B.: 04/06/1991

## PERSONAL STATEMENT

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A dynamic, problem-solving mechanical engineer looking for a data engineering role, following experience in the aerospace industry. Mathematically and analytically orientated; with working experience creating ETL pipelines in Python with SQL queries, along with a passion for machine learning.

## WORK EXPERIENCE

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### NewMet Ltd.

*Design Engineer*

Essex, UK

Sep 2019 – Present

- Creating pipelines to automate extraction and cleaning of sales and customer data from SQL server to answer customer enquiries
- Analysing and modelling current pricing systems and overhauling into single master pricing file
- Analysing non-conformances and providing preventative solutions
- Production planning
- Handling customer designs and providing quotations.
- Standardising quality procedures
- Processing sales and quotations in Javelin
- Part creation in Javelin
- Feasibility studies
- Materials compression testing
- Part inspection and final inspection reports

### Hospitality industry

Kidderminster | London, UK

2007 - 2019

## TECHNICAL SKILLS

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**Python:** Working experience with Pandas dataframes to extract and transform data from SQL queries, CSV files and Excel spreadsheets; practice of Numpy, Matplotlib, SKlearn, Scipy and BeautifulSoup for machine learning projects outside of work

**Other IT software:** Workbench, AWS (basic understanding), Microsoft Office (Word, Excel, PowerPoint), MATLAB, Javelin MRP, Autodesk Maya, Photoshop

**Six Sigma:** Self-taught green belt with experience managing university project using Six Sigma skills combined with Gemba Kaizen

## EDUCATION

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### London South Bank University (2016-2019)

BEng (Hons) Mechanical Engineering

First Class Degree

**E-learning:** Python Programming masterclass (Udemy), Complete Data science Bootcamp (Udemy), Ultimate MySQL Bootcamp (Udemy, Completed 2021), AWS Essentials (Udemy, Completed 2021).

**Academy of Financial Trading** e-learning course completed

**Interests:** Guitar, Rugby, Investing, languages

**License:** Full category A motorcycle license

**Languages:** English (Native), Italian (basic-intermediate), Russian (Basic conversational)