

# Stanislav Karzhev

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## Education

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- Bsc (Hons) Chemistry 2:1**, Queen Mary University of London 09/2017 – 06/2020
- A levels**, Woodhouse College, London 09/2015 – 07/2017
- **Mathematics, Chemistry, Physics**
- GCSE's**, Heartlands High School, London 09/2010 – 07/2015
- **9 GCSE'S A\*-B**, A in Maths, A in English






## Professional Experience

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- Customer Success Specialist**, Paperform Pty Ltd 10/2021 – present
- Resolving problems with excel style calculations, logic and pre-filling.
  - Trouble shooting technical issues with integrations, analytics scripts, custom domains and third party code.
  - Working closely with the product team on feature requests and bugs.
- Assistant Manager**, G&S Jewellers 12/2020 – 09/2021
- Initiated the use of an ecommerce website in order to drive more sales via Shopify.
  - Integrated Facebook pixel for utilising customer data and behavior to build targeted audiences.
  - Promoted products and store website via social media ad campaigns.
- Associate Manager**, Cashpoint Pawnbrokers and Currency Exchange 11/2018 – 11/2020
- Securely implemented Bitcoin as an additional payment method.
  - Setup and installed a cryptocurrency ATM which allowed customers to buy and sell various digital currencies.
  - Established the use of a mobile app, a convenient way for customers to view and make payments towards pledges.

## Projects

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- Automating Spotify playlist creation** 
- I used the BeautifulSoup and Requests Python libraries along with the Spotify API to scrape the Billboard Hot 100 songs at a given date, store the data, authenticate my Spotify credentials, search for the song titles and create a new playlist containing all the songs.
- Exploratory data analysis on global happiness** 
- In this jupyter notebook I analysed and created visualisations using data from the 2020 world happiness report. I explored the effect of various factors such as GDP per capita, perceptions of corruption and social support to gain insights into how they contribute to a country's happiness.
- Extracting dominant colours from images with k-means clustering** 
- I implemented the clustering algorithm k-means to accurately extract the dominant colours from an image and illustrate the result using Numpy, Matplotlib, SciPy and scikit learn.
- Predicting property prices with multivariable linear regression** 
- I trained a linear regression model in Python to accurately predict the price of a property given numerical and categorical variables such as number of rooms, per capita crime rate, pollution levels and more.
- Training and evaluating supervised machine learning models for heart failure classification** 
- I trained and tuned the parameters of different classification models using logistic regression, decision tree classifier, random forest classifier and XGBoost on a heart disease dataset. Ultimately, I evaluated the effectiveness of each model for predicting the probability of heart failure occurrence.

## Skills

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- Python
- Git
- Data analysis
- Julia
- PyCharm
- Data visualisation