Automating Dating
with Web Drivers and Machine Learning

yohanderose.dev/blog-slug

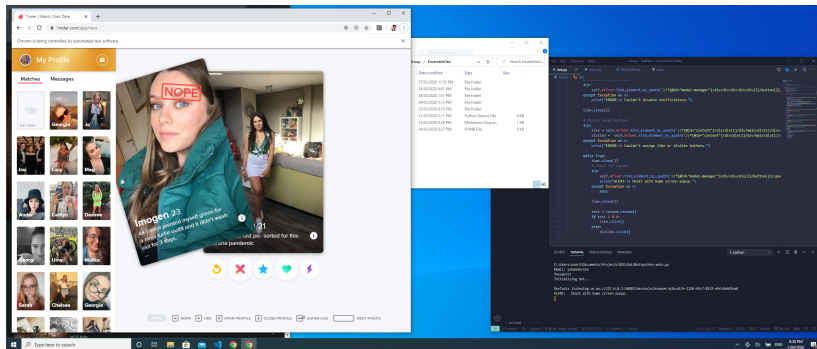https://github.com/yohanderose/Dat3Bot

What is the aim?

- True love uwu.
- More realistically though, some booty.
- Even more realistically, just optimising emotional investment.

We'll use selenium to interact with the tinder web app, and then train a machine learning model on your attraction preferences to (hopefully accurately) decide on which way to swipe.

Live Demo

Ooh, ambitious.

Dependencies

General stuff

```
- Python >=3.6
- Selenium and chromedriver executable
- Scikit, numpy and pandas
```

Personal stuff

```
- Add your login details to __credentials.py__
- Highly recommend you build your own dataset
```

The Swiping

The Deciding

Jupyter Demo

- Creating a sensible numeric representation
  of a face (feature vector)

Scikit

- Training and comparing a variety of models
  on a bunch of labelled feature vectors

Deploying