

CONTACT

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Cardiff, UK

PORTFOLIO

<https://sheeshee.github.io>

<https://github.com/sheeshee>

<https://linkedin.com/in/samuel-sheehy>

PERSONAL PROFILE

French-American

Lindy Hop dancer

Burrito enthusiast

LEGAL

USA national

French national

UK Settled Status

UK Driver's License

LANGUAGES

English, native

French, native

Spanish, conversational

Welsh, beginner

DEV STACK

Python

Django

Graphene

Numpy

Pandas

SciPy

Sklearn

Numba

PuLP

Matplotlib

PyOpenCL

Attrs

Flask

Zappa

Pytest

Tox

Jupyter

Nbconvert

Pyenv

Venv

Pipenv

Javascript

React

Webpack

Other

Git

AWS

Heroku

Docker

GraphQL

Elasticsearch

Postgres

Postgis

Nginx

MATLAB

Julia

LaTeX

Jekyll

Linux

VSCode

Sentry

Samuel Sheehy

More online @ <https://sheeshee.github.io>

EXPERIENCE

Software Engineer, *Breedr*, Remote/Bristol

MARCH 2023 - PRESENT

- Developing new backend features using GraphQL (Graphene), Django, Postgres, Docker and AWS
- Making small changes to web and mobile clients using Typescript and React Native

Software Engineer, *Farad.ai*, London

MAY 2022 - FEBRUARY 2023

- Redesigned backend by fully containerising stack using Docker, Django, Elasticsearch, Postgres, and Nginx, streamlining AWS deployment
- Pitched Farad.ai to audience of over 100, leading to 6 conversations with investors and customers

Research Engineer, *EDF Energy*, London

SEPTEMBER 2020 - MAY 2022

- Designed and built experimental tools using Django and Plotly Dash leading to renewed annual innovation funding
- Led year-long projects with budgets up to £70,000
- Delivered internal tutorials for Python and Git, allowing new members to contribute more quickly

R&D Development Scheme, *EDF Energy*, London

OCTOBER 2017 - SEPTEMBER 2020

- Authored reports and presentations while studying part-time
- Built computer model to study concept of energy storage within home appliances

EDUCATION

MSc Scientific Computing, *UCL*, London

SEPTEMBER 2018 - JULY 2020

Distinction

MEng Mechanical Engineering with Sustainable Energy Systems, *University of Southampton*, Southampton

SEPTEMBER 2013 - JULY 2017

First Class Honours

Ballroom and Latin Dance Society, Engineers Without Borders

