Samuel Sheehy

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

CONTACT

+44 7805 530626
samuelsheehy95@gmail.com
London, 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

LANGUAGES

English, native
French, native
Spanish, conversational

DEV STACK

Python	**Javascript**
Numpy	React
Pandas	P5.js
SciPy	Reveal.js
Sklearn	
PuLP	**Other**
Matplotlib	Git
Jupyter	AWS
Django	Docker
Flask	Julia
Pytest	Heroku
PyOpenCL	VSCode
Attrs	WSL
Tox	LaTeX
Nbconvert	Jekyll
Numba	MATLAB
Pyenv	Linux
Zappa	Elasticsearch
Venv	Postgres
Pipenv	nginx

EXPERIENCE

Software Engineer, *Farad.ai*, London

MAY 2022 - PRESENT

- Migrated company's core software product to fresh AWS account, setting up and improving architecture based on Docker, Django, Elasticsearch, Postgres and Nginx
- Introduced endpoint monitoring with Django Silk and set up a code testing framework using Pytest
- Pitched the company at a Plug and Play event hosted by Jaguar Land Rover.

Research Engineer, *EDF Energy*, London

SEPTEMBER 2020 - MAY 2022.

- Prototyped web-applications for simulating solar car parks and other techno-economic systems with Django and Plotly Dash
- Led delivery of several projects (up to £70,000 in budget)
- Delivered coding tutoring classes in basic Python and Git

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

OCTOBER 2017 - SEPTEMBER 2020

- Authored reports and presentations for senior management
- Developed computer model to study concept of energy storage within home appliances

EDUCATION

MSc Scientific Computing, *UCL*, London

SEPTEMBER 2018 - JULY 2020

Distinction

Numerical methods, software engineering, optimisation, simulation methods, high performance computing

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

SEPTEMBER 2013 - JULY 2017

First Class Honours

Theme for Year 3 and Year 4: Sustainable Energy Systems