Samuel Sheehy

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

CONTACT

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PORTFOLIO

https://sheeshee.github.io
https://github.com/sheeshee
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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	
Venv	
Pipenv	

EXPERIENCE

Python Django Developer, *Farad.ai*, London

MAY 2022 - PRESENT

Developing and maintaining backend technology of existing (and new) products and services.

- Write Python code and tests following Test Driven Development
- Develop Machine-Learning services incorporating multiple diverse public and IP-protected spatial datasets.
- Work with frontend and DevOps teams to develop APIs.

Research Engineer, *EDF Energy*, London

SEPTEMBER 2020 - MAY 2022

Developing modelling methodologies and creating digital tools.

- Lead development of software applications and tools.
- Design and implement numerical models of energy systems
- Coach and tutor team members in coding

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

OCTOBER 2017 - SEPTEMBER 2020

Working as a Junior Research Engineer while studying part-time.

- Deliver presentations and author technical reports
- Develop cost and energy models for electric mobility and local energy systems

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