Samuel Sheehy

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

CONTACT
+44 7805 530626
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London, UK

PROFESSIONAL PROFILE
Research Engineer, EDF Energy
MSc Scientific Computing, UCL
MEng Mechanical Engineering, So'ton
https://linkedin.com/in/samuel-sheehy

PORTFOLIO
https://sheeshee.github.io
https://github.com/sheeshee

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
PuLP	
Matplotlib	**Other**
Jupyter	AWS
Django	Docker
Flask	Julia
Pytest	Heroku
PyOpenCL	VSCode
Attrs	WSL
Tox	LaTeX
Nbconvert	MATLAB
Numba	Linux
Pyenv	
Zappa	
Venv	
Pipenv	

EXPERIENCE

Research Engineer, *EDF Energy*, London
SEPTEMBER 2020 - PRESENT

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
- Founding member of student chapter, Engineers Without Borders
- General Coordinator for local music and sustainability fair, Environmental Rock

French Baccalaureate, *French International School*, Washington D.C. USA
SEPTEMBER 2010 - JULY 2013

Mention Très Bien (Highest Honours), Science curriculum