Samuel Sheehy

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

CONTACT
+44 7805 530626
samuelsheehy95@gmail.com
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, fluent
French, fluent
Spanish, conversational

DEV STACK

Python	Other
Numpy	AWS
Pandas	Docker
SciPy	Julia
PuLP	Heroku
Matplotlib	VSCode
Jupyter	WSL
Django	LaTeX
Flask	MATLAB
Pytest	Linux
PyOpenCL	
Attrs	**Javascript**
Tox	React
Nbconvert	P5.js
Numba	Reveal.js
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