

## CONTACT

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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

Numpy

Pandas

SciPy

PuLP

Matplotlib

Jupyter

Django

Flask

Pytest

PyOpenCL

Attrrs

Tox

Nbconvert

Numba

Pyenv

Zappa

Venv

Pipenv

### Other

AWS

Docker

Julia

Heroku

VSCode

WSL

LaTeX

MATLAB

Linux

### Javascript

React

P5.js

Reveal.js

# Samuel Sheehy

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

## 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