

Noel Conlisk

0044-777-5332506 | noel@nconlisk.com | linkedin.com/in/noelconlisk | github.com/nconlisk | nconlisk.com

EXPERIENCE

Freelance Consultant

Dec. 2019 – Present

Edinburgh/Remote

Edinburgh, UK

- Proofreader for academic/non-academic manuscripts and technical documents
- Shopify branding and template customisation for an ecommerce store in the custom baby apparel niche
- Provided moderation, security, and technical support for a discord server with 100k+ registered users
- Web development and scientific programming

Senior Postdoctoral Researcher

Nov. 2018 – Dec. 2019

The University of Edinburgh

Edinburgh, UK

- Contributed to the development of a successful joint RSE-NSFC funding proposal with clinical and academic partners based in the UK and China

Career Break/Parental Leave

Oct. 2017 – Oct. 2018

Postdoctoral and Visiting Researcher

Jul. 2016 – Oct. 2017

The University of Edinburgh

Edinburgh, UK

- Led multiple research projects within a cross-disciplinary team (Engineers, Surgeons and Industrial Partners)
- Provided supervision and training to PhD (4), MEng (6), MSc (1) students, and visiting researchers (2)

Research Associate in Computational Modelling

Jun. 2013 – May 2016

The University of Edinburgh

Edinburgh, UK

- Computational modelling lead. Project focus: To improve rupture risk prediction in patients under surveillance for abdominal aortic aneurysms. Timeframe: 3 years. Total funding: £2,145,640. Outcomes: Several publications including 2 first author peer-reviewed journal papers
- Collaborated with vendor in Sweden (VASCOPS) on software customization. Tested software to ensure fit for purpose. Reported bugs and liaised with vendor to correct issues in a timely manner
- Improved workflows for the creation of patient-specific finite element models of aneurysms (aortic and cerebral) from CT/MRI imaging data sets

Research Engineer

Feb. 2013 – May 2013

The University of Edinburgh

Edinburgh, UK

EDUCATION

The University of Edinburgh

Edinburgh, UK

Doctor of Philosophy (PhD) in Computational and Experimental Orthopaedic Engineering

Oct. 2008 – Apr 2013

Galway-Mayo Institute of Technology (now ATU)

Galway, Ireland

Bachelor of Engineering (BEng Hons.) in Mechanical Engineering - 1st Class

Sep. 2004 – May 2008

INDEPENDENT LEARNING

Coursera: Meta Front-End Developer Professional Certificate (2023 - ongoing)

FreeCodeCamp: Responsive Web Design (2021)

LinkedIn Learning: Developer Path, multiple courses (2019 - 2021)

Coursera: Data Science in Stratified Healthcare and Precision Medicine (2019)

edX: Python for Data Science (2016)

Udacity: Web Development - CS253 (2013)

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript, React

Backend: Python, Nodejs, PostgreSQL, Nginx, Cloudflare Tunnel

CMS: Wordpress, Drupal, Shopify

GUI: tkinter, PyQt

Libraries: pandas, NumPy, Matplotlib, VTK/VMTK

Developer Tools: Git, GitHub, SSH, SFTP, VS Code, VirtualBox, Jupyter Notebook

AI Tools: Copilot, Deepseek, Chatgpt, LM studio, Openrouter, Cline for VS Code, Cursor

Software: Abaqus/CAE, Mimics, VASCOPS, Autodesk Inventor, Blender, LaTeX

Operating Systems: Windows, Linux