

Noel Conlisk

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EXPERIENCE

Data Annotator and AI Trainer <i>Remote</i> <ul style="list-style-type: none">Evaluated chatbot responses for truthfulness, instruction following, verbosity, writing quality, harmlessness/safetyConducted fact-checking and stress testing of AI chatbot based LLMs using my subject matter expertise in Computational Modelling, and Biomedical EngineeringDesigned prompts and coding tasks to assess AI-generated code quality for correctness and performance	Dec. 2023 – Present <i>Edinburgh, UK</i>
Freelance Consultant <i>Edinburgh/Remote</i> <ul style="list-style-type: none">Proofread academic and technical documents; developed scientific and web applicationsCustomised Shopify templates and branding assets for niche ecommerce storeManaged moderation, security, and technical support for a Discord server with 100k+ users	Dec. 2019 – Present <i>Edinburgh, UK</i>
Senior Postdoctoral Researcher <i>The University of Edinburgh</i> <ul style="list-style-type: none">Contributed to the development of a successful joint RSE-NSFC funding proposal with clinical and academic partners based in the UK and China	Nov. 2018 – Dec. 2019 <i>Edinburgh, UK</i>
Career Break/Parental Leave	Oct. 2017 – Oct. 2018
Postdoctoral and Visiting Researcher <i>The University of Edinburgh</i> <ul style="list-style-type: none">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)	Jul. 2016 – Oct. 2017 <i>Edinburgh, UK</i>
Research Associate in Computational Modelling <i>The University of Edinburgh</i> <ul style="list-style-type: none">Led computational modelling for a £2M+ clinical trial on aortic aneurysm rupture risk; authored multiple publications including two as first authorDeveloped and streamlined workflows for patient-specific finite element models from CT/MRI imagingWorked with VASCOPS to test, debug, and adapt modelling software for research applications	Jun. 2013 – May 2016 <i>Edinburgh, UK</i>
Research Engineer <i>The University of Edinburgh</i>	Feb. 2013 – May 2013 <i>Edinburgh, UK</i>

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

INDEPENDENT LEARNING

Coursera: Meta Front-End Developer Professional Certificate (**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)

EDUCATION

The University of Edinburgh <i>Doctor of Philosophy (PhD) in Computational and Experimental Orthopaedic Engineering</i>	Edinburgh, UK Oct. 2008 – Apr 2013
Galway-Mayo Institute of Technology (now ATU) <i>Bachelor of Engineering (BEng Hons.) in Mechanical Engineering - 1st Class</i>	Galway, Ireland Sep. 2004 – May 2008