

WILLIAM WESTWOOD

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PROFESSIONAL SUMMARY

A creative technologist merging software engineering expertise with design sensibility. Drawing from experience at UAL and Somerset House, I specialize in developing elegant digital solutions that unite technical innovation with artistic vision.

My background in graphic communication and full-stack development enables me to bridge the gap between design thinking and technical implementation.

WORK

Design Engineer (2024 - Current)
University of the Arts, London

- Leading development of AI-powered search engine using LLM and embedding technologies
- Building and maintaining web applications to support creative programs
- Collaborating with faculty to enhance student learning through technical solutions

Visiting Practitioner (2023 - Current)
Creative Computing Institute, London

- Providing expert technical mentorship in programming and creative computing
- Supporting students with debugging and problem-solving in practical sessions
- Guiding implementation of creative technology projects

Technical Consultant (2024)
Artist in Residency Program, Somerset House, London

- Developed interactive narrative chatbot with custom frontend for art exhibition
- Engineered custom keyboard and contributed to large-scale sculptural works
- Implemented technical solutions for robotic installations and 3D-printed sculptures

Full-Stack Web Developer (2022 - 2024)
Don't Drink The Water, London

- Built comprehensive e-commerce platform with PayPal integration
- Implemented 3D character visualization and inventory management system
- Managed iterative development process while maintaining client requirements

EDUCATION

BA Graphic Communication Design (2024)
University of the Arts, London

Diploma, Creative Computing (2023)
Creative Computing Institute, UAL, London

Foundation Diploma in Art & Design (2019)
Abingdon & Whitney College, UAL Awarding Body

TECHNICAL SKILLS

Development: HTML, CSS, JavaScript, React, Vue, Nuxt, Node.js, FastAPI, Flask

Creative Technology: Machine Learning, LLMs, Python, C++, Linux

Design Tools: Adobe Creative Suite, Figma, 3D Modeling

Methodologies: WCAG, Agile Development, User-Centric Design, Git Workflow