

# 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