

POLIANA GROTH

Graduate in Creative Computing with strong skills in data analysis, machine learning, and digital innovation. Experienced in turning complex data into actionable insights and contributing to collaborative projects. Keen to apply technical expertise and problem-solving abilities to support digital transformation, enhance customer experiences, and drive impactful change.

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EDUCATION

2022 to 2025	BSC (Hons) Creative Computing	Goldsmiths University of London
July 2024	Python for Data Science, AI & Development	IBM
July – Nov 2014	PHP Programming	Informatize
March – Sept 2013	Video Editing – Premiere Pro, After Effects	Olimpio School
March – Sept 2013	Graphic Design – Photoshop, Illustrator	Shaeffer School
2011 to 2012	Digital Cinema– Film Production & Photography	Centro European

TECHNICAL SKILLS

Data Analysis & Visualisation: Python, MySQL, Matplotlib, Seaborn, NumPy.

Front-End Developer: Node.js, JavaScript, and WordPress.

Machine Learning: Keras, TensorFlow, Pytorch.

Creative Tools: Premiere Pro, After Effects, Photoshop, Illustrator.

PROJECTS

Dissertation: Sonification of Climate Data Projections – Created an immersive audio-visual system that translated complex climate datasets into real-time sound using Supercollider, complemented by interactive visuals designed in TouchDesigner.

ML for Creative Practice: Bioluminesce images through the use of a Pix2Pix model, using a part of the CelebA dataset.

Graphics: Developed C++ projects including interactive brush-paint tools, a Furby-inspired game, and a 3D animated environment.

WORK EXPERIENCE

Sept 2025 – Present	Creative Computing Tutor	Think Create Learn, London
	Delivered engaging workshops that introduced students to the creative side of computing. Guided hands-on projects across computer science, engineering, electronics.	
Sept 2024 – Sept 2025	Student Engagement Agent	Goldsmiths University of London
	Represented the university at outreach events, engaging with prospective students and families. Delivered guided campus tours, developing strong communication and public-speaking skills.	
June 2024	Technology Intern	Bright Network IEUK 2024, London
	Completed seminars and technical tasks focused on software development and digital innovation. Collaborated with peers to apply problem-solving and analytical approaches in projects.	
2017/22	Assistant Manager	The Jolly Gardeners, London
	Managed daily operations and coordinated staff in a high-pressure hospitality environment. Built resilience, adaptability, and leadership skills while ensuring excellent customer service.	

VOLUNTEER WORK

March - May 2025	Curation Team Member
	Computing Degree Show, Goldsmiths, University of London
2021 /22	Camera Assistant & Video Editor
	From the Corner of My Eye (Short Film, London)

LANGUAGES

Portuguese (Native)
English (Fluent)

PERSONAL ARCHIEVEMENTS

Gold Award – Employability Programme: Completed a structured personal and professional development programme focused on identifying, enhancing, and reflecting on key employability skills, including communication, leadership, and critical thinking.

INTERESTS

Strong interest in sustainability, environmentally conscious technology, and digital art. I also enjoy playing tennis and value meaningful, long-term friendships and collaboration.