

Sol Sarratea

computational artist

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EXPERIENCE

ACTUAL	<p>RECURSE CENTER</p> <p><i>Participant</i></p> <p>Working on interactive playground with GLSL shaders and Three.js to visualize and explore mathematical concepts based on feedback systems, such as fractals and reaction diffusion equations. Building personal website, and enriching my creative practices developing projects which provide medium to explore the intersection between technology, art and society.</p> <p>Leading interest group on Discrete Differential Geometry . Learnt about category theory. Preparing presentations. Prepared workshop on Hydra, javascript framework environment for livecoding visuals. Material was thought to introduce video feedback synthesis and pattern formation in image processing systems.</p>
ACTUAL	<p>PHASE VIDEO - BROOKLYN AUDIO VISUAL LAB</p> <p><i>Participant</i></p> <p>Designing a neural network trained with cellular automatas. Preparing as well as attending workshops for audiovisual performances. Organizing streaming events.</p>
2018-2020	<p>MANAS TECHNOLOGY</p> <p><i>Full Stack developer</i></p> <p>Developed different projects such as:</p> <p>Planwise: designed algorithms with geospatial optimisation techniques to existing data on population, road networks and health facilities.</p> <p>Sikoba: learnt and experienced domain-driven design for a blockchain-based system to register, track and clear debt.</p> <p>Social Mama: was in charge of full stack app development. Worked remotely with Indian team.</p>
2015-2020	<p>UBA</p> <p><i>Facilitator of extension activities</i></p> <p>Took part of divulging events organized by the science faculty. Prepared presentations.</p>

EDUCATION

2018-ACTUAL	COMPUTER SCIENE Degree, Universidad Nacional de Buenos Aires
2013-2016	Completed 60% towards MATHS Degree, Universidad Nacional de Buenos Aires

LANGUAGES

SPANISH: native
ENGLISH: C2 Level - Cambridge certifications

SKILLS

Programming: GLSL, JAVASCRIPT, C ++, P5.JS, PROCESSING, CRYSTAL, POSTGRES SQL, CLOJURE, CLOJURESCRIPT, PYTHON

Frameworks: THREE.JS, REACT, REACT-NATIVE, REFRAME, ELM, WEBPACK

INTERESTS AND ACTIVITIES

Perform livecoding visuals : member of Clic- Colectivo de Livecoding and bu3namigue, creative organization with friends.

Likes to collaborate in open source projects. When AFK enjoys playing the piano, painting, running and hiking.