

COMPUTATIONAL MAMA

(AKA AMBIKA JOSHI)

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Computational Mama's work explores coding, art and generative AI as a form of camaraderie, friendship, motherhood and self-care. She develops and facilitates beginner content and workshops for creative computation, new approaches to computational thinking and the use of generative AI tools. Her generative AI work explores the biases inherent in large data and generative AI, and she has been exploring the spaces where motherhood and AI converge.

She was a [2021 Processing Fellow](#) and [2020 BeFantastic Fellow](#), a speaker at HEAD, Geneva, NYU, Shanghai, BIC, Bump Festival 2023 and more; she has been featured in Casey Reas' (co-founder Processing) recent list of generative artists doing interesting work.

Her work has been featured in Bangalore International Center (2024), India Art Fair (2022) and Vorspiel / transmediale & CTM (2021).

She is a co-instigator of [dra.ft](#) which explores emergent ideas of text and its future. Currently moderating a 200+ creative AI community on Whatsapp and 150+ Creative Coding on Telegram.

Her moniker computational mama has built her a niche community of makers and coders on [Instagram](#). She also co-runs a creative technology studio called [Ajaibghar](#).

OVERVIEW OF CURRENT ROLE AT GOOEY.AI

- Strategy for Developer Experience of Gooley products including client-side APIs and SDKs.
- Creating and maintaining guides, how-tos, and glossaries for all Gooley's workflows.
- Managing discussions and issues on Gooley's github repositories.
- Managing discord community for support and queries (2000+ members).
- Evaluated and tested new AI models and tools to enhance GOOEY's product offerings.
- Developed generativeAI educational content, including curriculum and video tutorials.
- Organized and led workshops and learning sessions, catering to the ever-evolving generative AI landscape.
- Maintained and updated prompt guides to ensure user satisfaction and engagement.
- Pioneered the testing of novel workflows and features, continually improving product efficacy.
- Actively gathered and incorporated user feedback for product refinement and enhancement.

PROGRAMMING SKILLS

- Proficient in JavaScript and Node.js.
- Comfortable with 11ty, Astro, Vue.js
- Intermediate knowledge of Python, especially in the context of using various APIs and chaining with prompt engineering APIs.
- Skilled basics of Google Cloud Platforms - real-time database systems, and Google Storage.

RELEVANT EXPERIENCE

Nov 2022 - present	Head of Developer Relations and Enterprise Success at GOOEY.AI
July 2020-present	Educator, teaching creative coding independently and at various design institutes
February 2020-present	Artist, work heavily with computer vision, and AI and generative text models
2019-present	Director, Ajaibghar Cultural Services, clients include Science Gallery Bengaluru, Serendipity Arts Festival, Arts Council Australia.
2017-2019	Independent Museum Consultant
2014-2017	Deputy Project Manager, Indian Music Experience, Bengaluru
2013-2014	UX Design and Research, Commonfloor.com
2010-2013	Art Direction and Design Research, DesignHabit (India's foremost Museum Design Studio)

Curatorial Work

Year	Role and Organisation	Project
2022	Curator, Program Lead for AlxDesign	AI PLAYGROUND - The AI Playground program spotlights creators from around the world that use AI tools to feed their creative practice. The program runs through 2022 with Behind the Scenes talks and workshops on AI & text, images, movement and sound.
2021	Co-curator and co-organiser as part of dra.ft collective for Electronic Literature Organisation conference 2021	freeFall future.text - An exhibition focused on Indian and Asian E-Lit, emerging out of a month-long Collaborative Text Lab engaging platforms and creators of the region in collective study and experimentation to explore e-lit when moving beyond the flatness and boundaries of platforms. Conference archive website: https://conferences.au.dk/elo2021/

Exhibitions (Recent)

2024	Mother Machine v2 , as part of the AI and Society, Alliance University, Bangalore, March 2024
2023	Mother Machines , as part of Feminism in Public Spaces by Designathon in

	Zurich, Switzerland, March 2023
2022	Mother Machines , as part of BeFantastic AI Art showcase in at Samsung Opera House, Bengaluru, November 2022
2022	MuseTogether IAF , as part of Ajaibghar collective in collaboration with Uma Khardekar at India Art Fair, April 2022
2022	K(not) a Conversation , in collaboration with Nayeli Vega Vargas and Thomas Heidtmann at India Art Fair, April 2022
2021	K(not) a Conversation , in collaboration with Nayeli Vega Vargas and Thomas Heidtmann
2020	Don't assemble , Processing Community Day, February 2020, IGIB New Delhi.

Talks/Performances

[Measuring Silences, Assembling Intelligence, HEAD, Geneve, April 2024](#)

[care<codes>: Care work, AI, Motherhood, Online, Inanpravaha, Mumbai, March 2024](#)

[Machine Learning X Audiovisual Industry - Aippy Hour 1: Worldbuilding, November 2023](#)

[SPEAKER SERIES: CREATIVE AND CRITICAL PRACTICES IN TECHNOLOGY, NYU Shanghai, October 2023](#)

[Panelist, Famous Last Words, Bengaluru International Centre, Bengaluru, August 2023](#)

[Bump Festival, June 2023](#)

[Screenwalks, Fotomuseum Winterthur and The Photographers' Gallery, April 2023 \(talk link\)](#)

[Distortion Series 2023: Talking to Robots, March 2023 \(talk link\)](#)

[Makers Meet & Eat, Utrecht, \(CCU, Raum, Impakt, Setup\), September 2022](#)

[Coding with Friends, Iterations Online, Amsterdam, November 2021 \(talk link\)](#)

Handmade Code, Delhi Technological Institute, April 2021

[Handmade Code, Meetup FOSS United, February 2021](#)

[Handmade Code, Digikat, August 2020](#)

[Algorave India: Delhi Edition, September 2019](#)

Grants and Fellowships

[Research Trip, Pro Helvetia India, April-May 2024 - \(post trip interview\)](#)

[Processing Foundation Fellowship, 2021](#)

[BeFantastic CoLab – Pivot International TechArt Fellowship, 2020](#) BeFantastic India Supported by Goethe-Institut / Max Mueller Bhavan Bangalore and British Council

[Experiments with Video Archives, Pad.ma \(Public Access Digital Media Archive\)](#), September 2012 – April 2013

Workshops / Teaching

August 2023 - November 2023	Code.drift, Udaipur and Jaipur (IN-PERSON) - 4 day workshops combining city heritage, music, visuals and code. A workshop to build cityscapes with code.
September 2022 - ongoing	Generative AI (ONLINE AND IN-PERSON) - over 40 workshops since September 2022 on Stable Diffusion, chatGPT, and all the latest generative AI tools.
September 2022	Finger(ai)nting with words, @ AlxDesign, Netherlands (ONLINE) - A 2-4 hours workshop on hand tracking on webcam and creating generative poetry visualised on the fingertips.
September 2022	Poetry together @ Creative Coding Utrecht, Netherlands (IN-PERSON) - A 4-6 hours workshop on body tracking and creating movement based poetry and typographical experiments.
March 2022	Handle with care @ JK Lakshmipat University (ONLINE) - A 5 day workshop style module for design students, with interactive coding based visuals integrated into physical cardboard prototypes.
July 2020 - ongoing	Recreating with p5js @ various organisation and independently (ONLINE AND IN-PERSON) - A 10 hour (staggered) workshop module that introduces creative coding and interactive artworks to designers and artists.

Residencies

[Artist-in-Residence \(In collaboration with Agat Sharma\), In Context: public.art.ecology, FOOD EDITION-II](#), Khoj International Artists' Association, March - April 2013

Other

[Jury member, Gender Bender 2021](#), Sandbox Collective

Education

Project Management Professional (PMP), The Project Management Institute (PMI), December 2016

Bachelor's of Design (Communication Design), National Institute of Fashion Technology, New Delhi, India - 2006 - 2010