Jakub Fiala – Curriculum Vitae

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I'm an artist and software engineer with 9 years of experience building interactive and audiovisual applications on both web and native platforms. Interested in social ecology, utopian thinking, domain-driven design, and delightful & performant user experiences.

Work history

August 2015 – present
Creative Technologist (freelance)
Clients include: Greyworld, XL Recordings, Synervoz, Around.co, Zentrum für Netzkunst Berlin, Pikala Bikes

Jan 2020 - Dec 2023
Ecosia GmbH
Principal Engineer / Technical Lead

Jan 2018 – Jan 2019
British Broadcasting Corporation
Creative Technologist / Web Developer
BBC Research & Development

Sept 2016 – Jan 2018
Wellcome Trust
Senior Software Developer

Education

2015 - 2016
Goldsmiths, University of London
MSci Creative Computing

2012 - 2015
Goldsmiths, University of London
BSc Music Computing

2010 - 2012
Gymnázium Jura Hronca Bratislava
International Baccalaureate Diploma

Language skills

English – fluent (anglophone – CEFR C1)
German – intermediate (CEFR B2)
French – intermediate (CEFR B2)
Spanish – basic
Czech – fluent
Slovak – native

Selected artworks, performances & exhibitions

(collaborative works: co-authors shown in brackets)

Tarot of the Latent Spaces, 2022, exhibited at Vorspiel Berlin, January 2022

Facciamo il Bosco (Eliza Collin), 2021, exhibited in Palermo, Sicily, Autumn 2020

Slices of the Ocean, Form 2019, CICA Museum, South Korea, September 2019

Immunotherapy (N. Matsumoto & N. Koetting), Talion Gallery, Tokyo, September 2019

Acheiropoieta, ANTIDEGREE show, Croydon Arts Store, 2019.

Climatotherapy (N. Matsumoto & N. Koetting), ASSEMBLY, London, Nov 2018

Made By Machine: When AI Met the Archive, BBC Four documentary, 2018

Alluvial Sharawadji with Tim Cowlishaw, Eufónic Festival, Catalunya, 2018

The Artist's Rite, performance @ PureGold Festival, London, 2015

Scar Mechanics, score for Ana Mendes' Map Series performance, 2014

Selected publications, talks & workshops

Vue.js Berlin - Jan 2024 *Taproot: How Ecosia built an in-house web framework, and why you should, too* 🟨 *Taproot*

Uroboros Festival - 2021 *Arcana in the Feed: Navigating the Internet* https://www.youtube.com/watch?v=9aimRQIVYXo

Uroboros Festival - 2020 *Oracles for Troubling Times: Designing new divination systems* https://www.youtube.com/watch?v=KxmAd6ByK40

Web Audio Conference - 2018 *r-audio: Declarative, reactive and flexible Web Audio graphs in React* https://www.youtube.com/watch?v=cetQbIX3ji4

Sónar+D - 2018 *Singing with Machines* workshop on behalf of BBC Research&Development (with Tim Cowlishaw) https://sonarplusd.com/en/programs/barcelona-2018/areas/workshops/singing-with-machines

Global AI Hackathon Seoul - 2016 First prize (with Hadeel Ayoub and Leon Fedden) https://www.gold.ac.uk/news/ai-hackathon-seoul/

International Conference on Live Interfaces - 2016 University of Sussex. *"Collaborative coding interfaces on the Web"* (with Dr. Mick Grierson and Dr. Matthew Yee-King) http://reframe.sussex.ac.uk/reframebooks/archive2016/live-interfaces/

Web Audio Conference - 2015 IRCAM, Paris. *Meyda: an audio feature extraction library for the Web Audio API* (with H. Rawlinson and N. Segal) https://medias.ircam.fr/x8fbaf8