

















Ksenia Portu

GenerativeAI doer, Software engineer, Mathematician, Haskell, Nix admirer

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Up-to-date version of CV is available at <https://ksenia-portu.github.io/cv-ai>

Website	 ksenia-portu.com
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Mathematics 	Generative AI: images 	Generative AI: videos 	Generative AI: text 	Generative AI: code 	Generative AI: audio 
Teaching 	Linux 	Statistics 	Machine learning 	SQL 	Python 

Software engineer passionate about Mathematics

Professional Experience

```
# (text, image, 3d, video) to (text, image, 3d, video)
## Main tools:

ollama

stable diffusion, any frontend:

- comfyui

- automatic1111

- forge

- fooocus

## Additional tools:
[leonardo.ai](https://leonardo.ai/)

[midjourney](https://www.midjourney.com/home)

# Domain and tasks
## Person or character
- Creating consistent character
- Pose generation
- Face swap
- Change outfits (clothes, jewelry, accessories)

## Interior and architecture design

- Composition of objects and their details
- Background (adding and removal)
- Improving resolution
- Making grids (comparison of generated images with different configuration)

## Adding styles
- Letters and Logos, QR code, watermark
- Creating loras
- Inpaint and Outpaint
```

Education

Ural Federal University / Applied Mathematics, 2007 - 2012, Master degree

Languages

English, Russian

Additional Experience

University Lecturer

Branch of Ural Federal University

Sep 2020 - Jun 2021 - full university year(two semesters)

teaching

I taught such disciplines as

- Information System's design
- High-level programming languages (Haskell)
- Databases
- Semantic networks

I curated numerous students' programming projects.