

Lado Oniani

Software engineer

**Desktop and full-stack web/mobile
front/back-end developer**



Contact and information:

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- Date of birth: 08-04-1980
- Link: <https://github.com/ladooniani>

Objective:

My research and development in computational logic and mechanics focused on the invention and investigation of synthetic entity architecture, experimental and assistive educational, therapeutic, social, and humanitarian interactive and robotic technologies and concepts.

In 2016 I've founded an independent laboratory startup, inventing and prototyping program and mechanism of artificial entity robotic system, developing computing methods and techniques in computational linguistics, natural language processing, understanding and generation, machine learning, computer vision, mechanical engineering, and industrial/artistic design.

As a software engineer, I provide services of product development for complex solutions for different types of desktop and web/mobile front/back-end architecture, as well as specialized tasks in intelligent robotics and related types of application design.

Skills:

- Software engineering and programming
- Mechanical engineering
- Micro-controllers
- 3D Modeling
- Artistic and industrial design

Programming languages:

- C#
- Python
- C++
- Pascal
- JavaScript
- TypeScript
- PHP
- HTML
- CSS

Interests and fields of research:

- Computational semantics
- Computational linguistics
- Natural language processing-understanding/generation
- Algorithm design
- Machine learning
- Deep learning
- Computer vision
- Cognitive science
- Chat-bot development
- Mechatronics
- Animatronics

Experience:

- May 2005-August 2010

SOS Children's Villages Georgia National Association (*Tbilisi, Georgia*)

Software Engineer

Development programming software tools and environment for educational tasks. Cases consideration with teachers

- July 2011-December 2014

Hi Life Interactive, LLC (*275 Madison Avenue, 4th Fl, New York, NY 10016*)

Composer, sound expert

Software engineer on sound processing tools, composer, sound expert

- October 2016-Present

TAI laboratory (*Tbilis, Georgia*)

Founder, researcher, software and mechanical engineer

The research and development in computational logic and mechanics, invention and investigation synthetic entity architecture, experimental and assistive educational, therapeutic, social, and humanitarian interactive and robotic technologies and concepts

Languages:

- English
- Georgian
- Russian
- Spanish