

# Lado Oniani



## Software engineer

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

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## Contact and information:

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- Phone: +995 599 38 25 09
- 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 application, as well as specialized tasks in intelligent robotics and related types of software 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