

Gocha Ugulava

Date of birth 21.06.1974



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<http://gochaugulava.github.io>



skills and areas of interest:

- Macro- and Regional Economics, Mathematical Methods in Economics
- Machine Learning (ML), Artificial Intelligence (AI) Applications in Economics
- Artificial Neural Networks, Deep Learning (DL), Cognitive Modeling
- Data Science, Descriptive, Diagnostic, Predictive, Prescriptive, Cognitive Analytics, Data-Driven Modeling, Visualization

education:

PhD student in economics, Kutaisi University
Engineer, Kutaisi Technical University

courses:

- Machine Learning – Stanford University
- Machine Learning (with honor) – Stepik (OmGTU)
- Programming on Python (with honor) – Stepik (Bioinformatics Institute)
- Scientific Computing with Python – FreeCodeCamp
- Data Analysis with Python – FreeCodeCamp
- Statistics-1-2 (with honor) – Stepik (Bioinformatics Institute)
- Data Analysis in R (with honor) – Stepik (Bioinformatics Institute)
- Data Science – Eduonix
- CS in JavaScript (Golden) – BitCamp, CodeHS
- Responsive Web Design – FreeCodeCamp
- JavaScript Algorithms and Data Structures – FreeCodeCamp
- Front End Libraries – FreeCodeCamp
- APIs and Microservices – FreeCodeCamp

tech stack:

- Python, R, JavaScript, C, Fortran, Basic
- numpy, pandas, scipy, scikit-learn, tensorflow, keras, matplotlib, seaborn
- webdev - full stack – MERN - html, css, js, sass, jquery, bootstrap, react, redux, node js, express, mongodb

publications:

- Gocha Ugulava - Use of Artificial Neural Networks to Predict Territorial Economic Indicators. Globalization And Business, #8, 2019, pp. 143-146
- Niko Chikhladze, Gocha Ugulava - The Role of Strategic Planning for Local Territorial Development. Innovative Economics and Management N1, 2016 pp. 121-128.
- Tskaltubo Municipality Economic Development Plan. 2007 50 p. Gocha Ugulava Coordinator of The Working Group, Author. Published in the Frames of CHF-Georgia and USAID-Funded Project.
- Tskaltubo District (Information-Analytical Review) - Guram Sopromadze, Gocha Ugulava. 36 p. 2005 Published by the Tskaltubo District Councils Association, Funded by the United States Agency for International Development and Urban Institute.

experience:

2018 - Kutaisi University, Lecturer "Taxes" and "Economics2"

2014-2016 - Tskaltubo Municipality Council, Expert-Specialist

2012-2014 - Tskaltubo Municipality Council, Chairman of the Faction, Deputy Chairman of the Council

2008-2012 - Parliament of Georgia, Majoritarian MP Bureau Head

2002-2008 - Tskaltubo District/Municipality Board, First Deputy Mayor

2000-2002 - Tskaltubo District Board, Economic Department Chief

2000 - Tskaltubo District Council, Head of the Center for Budget Revenue Analysis and Forecasting

1994-2000 - Kutaisi Arts Lyceum, Deputy Principal

scientific projects:

2021 – “Research on the Regional Economic Development of Georgia in the Conditions of COVID-19”, Kutaisi University, Research Assistant

summary:

Over the years of working in leadership positions in local government and teaching (including university), I have developed the skills of successful teamwork, communication, collaboration, responsibility, planning, organization and management of the work process, decision-making and problem-solving. I have completed English language course in British Center (C1). I am also fluent in Russian (C2). In certification received highest qualification category in mathematics.

May, 2021