TOM YAACOV

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EDUCATION

Ph.D. in Computer Science *Ben-Gurion University of the Negev, Beer Sheva, Israel* — 2021 - present

M.Sc. in Computer Science *Ben-Gurion University of the Negev, Beer Sheva, Israel* — 2018 - 2020
· Dean's list. Majored in Intelligent Systems.

B.Sc. in Industrial Engineering *Ben-Gurion University of the Negev, Beer Sheva, Israel* — 2013 - 2017
· Majored with distinction in Information Systems.

High School *Hebrew Gymnasium, Jerusalem, Israel* — 2006 - 2008

EXPERIENCE

Co-Founder & CTO *PostPro* — 2020 - 2022
· Leading research and development of an AI based assistant for photographers in post production.
· Establishing cloud based infrastructure for various products.
· Building Machine Learning and Computer Vision based technology solutions.

Data Scientist *Advanced Analytics Group, Intel* — 2016 - 2018
· Analyzing a wide range of business data.
· Establishing Machine Learning and Data Mining based technology solutions.
· Leading research stages in a variety of projects.

System Analyst *Advanced Analytics Group, Intel* — 2015 - 2016
· Identifying, analyzing and characterizing customer needs and systems to design technology and business solutions.
· Supporting projects throughout all stages: characterization and analysis, planning, testing and implementation.

TEACHING

Teaching Assistant *Ben-Gurion University of the Negev, Beer Sheva, Israel* — 2018 - 2019, 2021 - present
· Courses - Python Programming, Data Structures.
· Teaching academic materials on a weekly basis before an audience of students and facilitate their learning.

PUBLICATIONS

[1] A. Elyasaf, A. Sadon, G. Weiss, and T. Yaacov. Using behavioural programming with solver, context, and deep reinforcement learning for playing a simplified robocup-type game. In *2019 ACM/IEEE 22nd International Conference on Model Driven Engineering Languages and Systems Companion (MODELS-C)*, pages 243–251, 2019.

PROJECTS

BPpy *Behavioral Programming in Python*
· Environment for developing, running and analyzing behavioral programs written in python.
· Available in `https://github.com/bThink-BGU/BPpy`

SOCIAL ACTIVITIES

Year of Service Volunteer *Scout Movement Program* — 2008 - 2009
· Tribe Coordinator - logistic and educational management of 200 members

Member of "Modiin Tribe" *Scout Movement Program* — 2000 - 2008
· Facilitator, Coordinator and Team Leader. Responsible for youth with special needs.

SKILLS

Programming	C++ • C# • Java • JavaScript • LaTeX • Lua • Matlab • Python • R • Shell • SQL
Tools & Packages	Apache Nutch • Gephi • Git • MongoDB • MySQL • scikit-learn • Tableau • Tensorflow
Environments	Windows • Linux • MacOS