

Tomasz Garbus

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Education

- University of Warsaw**, Masters studies, 1st year. **2018–2020**
field of study: Computer Science
- University of Warsaw**, BCs studies. **2015–2018**
field of study: Computer Science
- III High School in Gdynia**. **2012–2015**
profile of Mathematics and Informatics

Achievements

- Laureate of XXI & XXII Polish Olympiad in Informatics**, *Olimpiada Informatyczna*, Warsaw. **2013/14 & 14/15**
9th & 8th place in finals
- Laureate of XX Baltic Olympiad in Informatics**, **2013/2014**
Palanga, Lithuania.
13th place in finals

Experience

- Google**, *Software Engineer*, Warsaw. **2020-now**
GCE Autoscaler, backend development
- Contentyze**, *Contractor*, Warsaw. **2020**
Experiments with Neural Network Language Models, developing a web platform for content generation
- Google**, *Site Reliability Intern*, Dublin. **summer 2019**
Pluscodes as addresses (plus.codes/casestudies), Android development.
- Google**, *Software Engineering Intern*, Zurich. **summer 2018**
YouTube Creator team, iOS development
- Google**, *Software Engineering Intern*, Munich. **summer 2017**
Chromium team, Credential Manager API for iOS
- Codility**, *Task team contractor*, Warsaw. **2016–2018**
Preparing coding tasks for recruitment
- Samsung**, *Intern*, Warsaw. **summer 2016**
Cloud & Big Data team, optimizing a Java web service

Skill set

I have worked professionally with:

Programming languages: Python, C++, Java and Objective-C(++)

Platforms: Android and iOS development

Web frameworks: Django

ML frameworks: TensorFlow, PyTorch

Machine Learning – Education

Courses at University of Warsaw:

Deep Neural Networks – grade 5+ out of 5

Data Mining – grade 5/5

Image Recognition Neural Networks – grade 5/5

Machine Learning – Projects

Controlled machine text generation of football articles (2020): Master's thesis at university of Warsaw.

Available at tgarbus.com/files/master_paper.pdf.

Comparison of GANs with and without background (2019): Pre-processing images of cars with semantic segmentation and training several variants of GANs

final report, repo: github.com/tomaszgarbus/vrn2018

Face authentication with liveness detection using depth and IR camera (2018): Bachelor's thesis created in cooperation with Samsung R&D Institute Poland.

Paper available at students.mimuw.edu.pl/~tg370795/mim-paper.pdf.

Code available at github.com/tomaszgarbus/rgbd-face-auth.

Interests

Running: Participating in 10km and 21km runs.

Music: Playing guitar, listening to music – mostly krautrock, black metal, folk, jazz rock

Philosophy: I have completed 1 year of philosophy studies at University of Warsaw. In particular I am interested in the philosophy of mind.

Pets & nature: I love spending time with my dog and being surrounded by nature.

I hereby agree for the processing of my personal data included in my application for the needs of the recruitment process in accordance with the Law dated 08.29.1997 on the Protection of Personal Data, Journal of Laws No. 133 item. 883.