Yana Garipova
Software Developer & Researcher

🌐 Portfolio 📍 Tokyo, Japan

✉ garipova@isi.imi.i.u-tokyo.ac.jp

Academic Work History

The University of Tokyo   [09/2020 - 09/2022]

* Education:
  Master of Information Science and Technology GPA: 3.5

* Research:
  Performance of Spiking Networks in neural models and Artificial Intelligence.

* Leadership role:
  Responsible for timely schedule of 20 members research presentations.

* Coding Project: Image Processing in Python *IP*   README
  Analysis of state-of-the-art algorithms in Computer Vision and Machine Learning.
  (OpenCV, PyTorch, NENGO)

* Relevant coursework:
  Cutting-Edge technologies in Information Security and Network Optimization.

The University of Minnesota   [01/2017 - 05/2018]

* Education:
  Bachelor of Arts in Mathematics, Minor in Computer Science.

* Learning Assistant work (mathematics):
  Created a positive impact on 30 students' grades with personalized guidance.

* Coding Project: Unix System Development in C.   README
  Built an advanced chat system with 3 extra features by carrying out good practices
  in teamwork as well as Server-Client and Network programming.

* Relevant coursework:
  Successfully implemented Data Structures and Database Algorithms in Python.

Additional Experience

Self-initiated Projects   [12/2020 - 04/2021]

* De Nora system architecture competition:
  Collaborated with a team of five researchers to balance business needs and product
  innovation in water treatment technology.

* Built a Linux Machine with workstation hardware components.