Kolchina Anastasia Konstantinovna

akkolchina@edu.hse.ru · +7-985-275-03-91 · github.com/netwasted

t.me/anikonn (@anikonn)

Moscow, Russia

EDUCATION

- **National Research University Higher School of Economics**

  Faculty of Computer Science, Bachelor of Science in Applied Mathematics and Informatics

  GPA 8.29 / 10

  Moscow, Russia

  Sep 2019 - Jun 2023 (present)

SKILLS

- **Programming Languages**

  C++, C, Python, Assembly

- **Technologies & Experience**

  Windows, Linux, LaTeX, Cygwin, Pandas, numpy, matplotlib, Bash, Git/Github, GDB Debug, Docker

- **Patterns & Practices**

  Algorithms and Data Structures, Object Oriented Programming, Functional Programming, Low-level Programming, OS Basics, Math Basics (Algebra, Calculus, etc)

- **Languages**

  Russian: Native

  English: Advanced

  French: Elementary

PROJECTS

- **Linear Regression: Machine Learning Basics** [github.com/netwasted]

  Laboratory work in Linear Algebra and Geometry

  Python (including numpy & matplotlib)

- **Computer analysis of the biological model of adaptive dynamics** [github.com/netwasted]

  Research project in Mathematical Biology.

  Studying Law-Dieckmann ecological model using computer simulations and nonlinear solver. Finding situations in which coexistence of species is possible. Visualizing results as surface plots.

  C++, Python (including numpy & matplotlib), R, MatLab

OTHER HIGHLIGHTS

- **Practical Bioinformatics Summer School**

  Sirius Educational Center (Sochi, Russia)

  Intensive bioinformatics course specialized in NGS (Next Generation Sequencing) and Transcriptomics: [github.com/netwasted/CV]

  28 Jun 2021 - 11 Jul 2021

- **Business Informatics Minor**

  Higher School of Economics

  Attending a Business Informatics Minor (additional course): business processes theory & implementation in programs such as Aris, SAP, etc

  Sep 2020 - Jun 2022 (present)

- **Calculus Teaching Assistant**

  Higher School of Economics

  Checked homeworks, conducted consultations and colloquiums

  Jan 2021 - Jun 2021 (present)