ILYA VESELOV

Bachelor's student at the Faculty of Computer Science, National Research University Higher School of Economics

veselow.ilya2015@yandex.ru | +7 (987) 5379483 | Moscow, Russia | https://github.com/ilyhav

EDUCATION

National Research University Higher School of Economics

Applied Mathematics and Computer Science

September 2021 – Present | Moscow, Russia

PROJECTS

Image Processor

Higher School of Economics

January 2022 - March 2022 | Moscow, Russia

- Created the console application for BMP photo processing.
- Implemented complex filters and a convenient base for creating new filters.
- Used the most efficient optimizations for the filters algorithms.

https://github.com/ilyhav/image_processor

Face Type Recognition

Higher School of Economics

June 2022 - July 2022 | Moscow, Russia

- Was responsible for collecting, analysis, and processing data, building a simple model.
- Using Python, JupyterNotebook, NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn.

Telegram bot for sports news

Higher School of Economics

October 2022 - December 2022 | Moscow, Russia

- Implemented a telegram bot with functionality and the ability to:
  - Select channels
  - Set a limit on the number of collected news articles
  - Send inline to a group-channel
  - Aggregation can be performed for a custom number of days-weeks
- Using Python, Aiogram, Telebot, Telethon, SQLite.

https://github.com/ilyhav/NewsTelegramBot

Chernoff Faces

Higher School of Economics

October 2022 - June 2023 | Moscow, Russia

- Developed a unique visualization tool using Chernoff Faces technique.
- Transformed numerical attributes of the Iris dataset into distinct facial features, creating a human-like representation.

MY LIFE PHILOSOPHY

"I know only one great goal. It's the happiness of people!"

HARDSKILLS

- Languages

  Python | C++ | C | Assembler

- Databases

  PostgreSQL | SQLite

- Data Science, ML and DL

  Jupyter | Pandas | NumPy | SciPy | Seaborn | Matplotlib | Scikit-learn | PyTorch

- CI/CD

  git | GitLab | GitHub | Docker

- Layout

  LaTeX | Markdown

- Development Tools – IDE

  PyCharm | CLion | Visual Studio

LANGUAGES

Russian ●●●●●

English ●●●○○

SOFTSKILLS

Responsibility | Organization | Flexibility | Multitasking | Learning potential | Teamwork

- Customized facial parameters such as eye size, mouth position, and eyebrow slant based on dataset values.
- Visualized distinct classes of the Iris dataset as different facial representations, highlighting variations between classes.
- Created subplots for each Iris class, offering a visual distinction between them.
- Using Python, Matplotlib, NumPy, Pandas, Scikit-learn.

https://github.com/ilyhav/chernoff-faces