# Valeri Georgiev

## AI Validator | Data Annotator

## CONTACT

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## SKILLS

- Machine Learning
- Part-of-Speech Tagging and Parsing
- Sentiment Analysis
- Deep Learning
- Text Classification and Clusterization
- Label Studio
- CVAT
- V7 Labs
- Rust
- Python
- GIT
- AWS

## PROFILE

Independent AI analyst and validator with industry experience in data annotation, Large Language Models(LLM) evaluation and Reinforcement Learning from Human Feedback(RLHM) text generating. Skilled in Image/Video labeling, AI fine tuning and sentiment analysis. Certified in data labeling and AI annotation, with expertise in Python, Rust, and AI evaluation tools. Interested in applying machine learning for accurate predictions and delivering data-driven solutions.

## WORK EXPERIENCE

### AI Models Validator                    JAN 2024 - PRESENT
Training and Iterating on AI Projects

- Trained and fine-tuned various language models (LLMs), employing techniques such as PEFT, LoRA, and soft prompts.
- Machine Learning & Deep Learning.
- Covered the RLHF approach for addressing toxicity, delved into the lifecycle of LLMs, and explored various model optimization strategies.
- Exersized the validation of the training data, removing noise, harmful content, and duplicates while enforcing annotation consistency.
- Evaluated AI models using layered safety and quality evaluations, including adversarial prompts, hallucination tests, and content-safety classifiers.

### Machine Learning Annotator            JUN 2023 - JAN 2024
Freelance Online Task Annotations

- Assessed AI model predictions by categorizing daily images and videos across multiple risk levels and evaluated outcomes to ensure model reliability and safety compliance.
- Conducted precise image labeling with bounding boxes and segmentation, consistently achieving an annotation accuracy of 95%-100%.

### Annotation QA Lead                     DEC 2022 - MAY 2023
CVAT.ai Corporation, United States

- Annotated diverse image datasets using CVAT's tools to support advanced machine learning model development, ensuring high annotation accuracy and data quality.
- Reclassified thousands of image objects into refined sub-classes for improved model training, applying bounding boxes and other tools for precise categorization.

## LANGUAGES

- English - Professional (C1 Advanced)
- Bulgarian - Native

## EDUCATION

### Master Degree of Maritime Navigation          2002 - 2007
Technical University, Varna, Bulgaria

### Mathematics & English Language                1997 -2002
High School of Mathematics, Varna, Bulgaria