Georgiy Kiselev

+1(747) 264-5002 ◇ Agoura Hills, CA

kiselevgeorgiy@gmail.com ◇ https://www.linkedin.com/in/georgiy-kiselev2002/

EDUCATION

BS Statistics (GPA 3.9/4.0), University of California Davis.   **Sep. 2021 - Dec. 2024**

Relevant Coursework: Machine Learning, Bayesian Statistical Inference, Unsupervised Learning, Applied Linear Algebra, Probability Theory, Data Science, Vector Analysis, Time Series Analysis

SKILLS

Languages	Python, R, HTML, CSS, JavaScript, SQL
Tools	Tensorflow, PyTorch, Git, stable-baselines3, Power BI, Tableau, Optuna, Sagemaker, pandas, Matplotlib, OpenCV, NumPY, Streamlit, Scikit-Learn

EXPERIENCE

Machine Learning Engineering Intern   **June 2024 - Aug. 2024**
Naval Research Laboratory   Washington DC

- Developed a reinforcement learning model for autonomous high-altitude balloon navigation using stable-baselines3 and OpenAI Gym, achieving 85% top-end performance within the target region. Git for version control, deployed via Sagemaker.

- Optimized the code flow for the training process, leading to a 400% increase in training speed without compromising model performance.

- Implemented upscaling techniques with PyTorch to generate high resolution synthetic datasets from radiosonde wind databases in SQL, increasing viable data size by 1200% and improving model performance by 5%.

Data Scientist   **Jan. 2024 - June. 2024**
UC Davis Department of Statistics   Davis, CA

- Collaborated on the development of a full-stack web to track over 6,000 alumni career paths and startup employment trends.

- Built analysis tools for a browser extension created using Chrome API, automating LinkedIn profile parsing for hundreds of alumni with a 95% accuracy rate. Developed comprehensive analytics tracking using pandas, SciPy and SQL, resulting in streamlined processing workflows and 25% reduced reporting times.

Head of Research   **Sep. 2023-Aug 2024**
Google Developer Student Club   Davis, CA

- Led 8 research directors and managed 72 researchers, ensuring successful completion of 16 machine learning research projects.

- Mentored 15 technical directors on project management and machine learning development pipelines, organized researcher education initiatives, increasing project completion rate from 80% to 100% within a year.

ACHIEVEMENTS

HackDavis 2023 Award: Winner of "Best Healthcare Hack" out of 200+ teams.
- Led and managed the development of a full-stack machine learning project built with Flask, TensorFlow and written in Python, JavaScript, HTML and CSS.
- Integrated methods to extract audio characteristics representative of Parkinson's Disease for evaluating risk.