Grisha Statnikov

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EDUCATION

Acalanes High School Lafayette, CA
GPA: 3.86/4.00 *Aug. 2022 – May 2026*

EXPERIENCE

Research Intern @ SIP Program Certificate Github Summer 2024
University of Santa Cruz *Santa Cruz, CA*

- Developed an autoencoder with normalization to improve symbol detection under jamming, surpassing state-of-the-art models.
- Designed a flexible AE model to handle multiple code rates without needing separate models.
- Researched vulnerabilities in learning-based AEs, enhancing robustness against interference.

Ski Instructor Winter 2023 – 2024
Tahoe Donner Ski Resort *Tahoe, CA*

- Provided personalized skiing instruction to children and adults of all skill levels, ensuring a strong emphasis on safety and skill development.
- Helped organize group activities and supported the resort in creating a family-friendly environment.

Ambassador Summer 2023
Martis Country Club *Tahoe, CA*

- Represented the country club at various events, assisting guests and providing information on club services and activities.
- Supported event planning and coordination, enhancing guest experiences during high-profile events.

ACTIVITIES

Founder, AI and Machine Learning Club Aug 2024 – Present
Acalanes High School *Lafayette, CA*

- Founded and lead a student-run club with over 35 members, focused on exploring AI and machine learning concepts through projects and discussions.
- Organized workshops and study groups to help students learn the basics of machine learning, Python, and popular AI frameworks.

Machine Learning Course Sep 2024 – Present
ML Course by Andrew Ng

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TECHNICAL SKILLS

Languages: English (Native), Russian (Upper-Intermediate)
Programming Languages: Python, Java, HTML/CSS,
Developer Tools: VS Code, PyCharm, Google Colab, Jupyter Notebooks, Anaconda, Git
Libraries: PyTorch, TensorFlow, pandas, NumPy, Matplotlib