NICHOLAS D. KOSTIN

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Education

Colorado School of Mines — Golden, CO
Major: **Engineering Physics** — BS May 2022
Minor: **Computational and Applied Mathematics**

Major GPA: **4.00** / Cumulative GPA: **4.00**

Work Experience

Head Teaching Assistant — Golden, CO
Physics II — Electromagnetism and Optics — January 2019 — May 2021

- Assist teams of students work through physics questions in a studio learning environment
- Facilitate lab exercises; troubleshoot experimental setups
- Help students achieve mastery of the material through offic hours; proctor and grade exams

SAGE Affordable Tutoring — Colorado Springs, CO
Instructor — February 2018 — December 2019

- Provide individual and small-group tutoring in science and mathematics; help students set and achieve high academic goals
- Sharpen test-taking strategies to maximize student potential, especially on AP exams
- Regularly communicate with parents to discuss student growth and implement viable study plans

Technical Skills

Scientific/Numerical Computing:
Python, extensive knowledge of `numpy`, `scipy` and `manim` libraries. • Mathematica • MATLAB • R

General-Purpose Programming:
C • C++ • POSIX Shell Scripting

Markup Languages & Vector Graphics:
Troff/Groff • LaTeX, proficient with TikZ and PGF • HTLM / CSS • Asymptote • R Markdown

Operating Systems: (extensive use of all of the following)
Desktop: Arch Linux, NixOS, Gentoo, Void Linux • Server: Debian, Ubuntu, OpenBSD

Other:
Technical Writing • Public Speaking • Fluent in Russian