

Matin Nikoomanzar

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EDUCATION

University of California, Los Angeles (UCLA) Expected Mar 2028

Intended B.S. Statistics and Data Science / B.A. Business Economics / Minor in Entrepreneurship

GPA: 3.57 / 4.00

De Anza College | Dean's List (7 quarters), ICPC Pacific Northwest Regional Mar 2025

A.S.T. Mathematics / A.S.T. Computer Science / A.S. Liberal Arts, Science, Math and Engineering

PROJECTS

Skeptic, AI Data Analyst | Python, JavaScript, WebGPU 2026

getskeptic.pages.dev · open source checks: github.com/MatinNikoo/skeptic-checks

- Building an AI analyst that checks whether claims made with data hold up. Invite only beta opens Dec 2026.
- It reruns the math on A/B tests and backtests, catches misleading charts and fact checks reports line by line.
- Wrote its statistics engine from scratch, so every number the AI states is computed, not guessed.
- Building Gosset, my own model, by fine tuning Qwen3 4B with LoRA on 15,000 worked checks from that engine.
- Quantized to 4 bits, Gosset runs offline in the browser on the user's GPU, so data never leaves the device.

What Gets an App to 100K Installs | Python, pandas, scikit-learn 2026

github.com/MatinNikoo/play-store-analysis · simulator: matinnikoo.github.io/simulator.html

- Analyzed 2.2M Play Store apps. Ones using ads plus in-app purchases broke out 18x as often as paid apps.
- Trained a model on 2018 launches and tested on 2019 (0.86 AUC), then built a public web simulator from it.

A/B Testing Library | Python, SciPy, pytest | github.com/MatinNikoo/abkit 2026

- Built a tested library, CLI and browser app for A/B tests with CUPED, Bayesian and always valid sequential tests.
- Simulations showed peeking gave 39% false positives vs 2%. Caught a bad split in the 90K player Cookie Cats test.

Trend Following Backtest | Python, pandas, SciPy | github.com/MatinNikoo/momentum-backtest 2026

- Backtested the 50/200 day crossover on SPY from scratch, with next day trades, trading costs and unit tests.
- Lost to buy and hold out of sample (0.63 vs 0.79 Sharpe). Only 3 of 89 window pairs beat it, PBO near 0.57.

EXPERIENCE

Service Desk Technician Intern Jun 2025 to Sep 2025

Edelman Financial Santa Clara, CA

- Resolved hardware, software, and network tickets for a national wealth firm, with 95% fixed on first response.
- Cut average turnaround 25% by writing clearer docs and standardizing how we troubleshoot.

CIS Tutor and Teaching Assistant Apr 2024 to Aug 2025

De Anza College Cupertino, CA

- TA for Python, Data Abstraction and Structures, and x86 Assembly. Tutored 20+ students a week in programming.

Stagehand and A/V Technician Apr 2024 to Present

Live Nation Entertainment Santa Clara, CA

- Work A/V for 12+ live productions, including Google I/O 2025 and a RÜFÜS DU SOL show.

LEADERSHIP

Founder and Vice President, Iranian Association Club

De Anza College Cupertino, CA

- Grew the club from 0 to 54 members as VP over two years, earning a Leadership Certificate.
- Raised money and teamed up with the Armenian and Middle Eastern clubs. Also an AI Future Club officer.

TECHNICAL SKILLS

Programming: Python, R, SQL, JavaScript, C++, Java · **Tools:** Git, GitHub Actions, pytest, VS Code

ML and Data: scikit-learn, PyTorch, LightGBM, pandas, NumPy, SciPy, Matplotlib, Colab, Tableau, Excel

Certifications: Google Data Analytics, IBM Data Analyst · **Languages:** English, Persian