

ARJUN KHANDLWAL

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EDUCATION

Oxford University, Oxford, UK

Expected Graduation June 2027

B.S. Computer Science and Philosophy

- Admitted 2 years early, skipping 11th and 12th grade

Greenwoodhigh, Bangalore, India

June 2023

- Graduated with perfect grades, class rank 1/140
- Completed 4 college-level AP courses independently in alongside regular curriculum, scoring 5/5s on all exams

SKILLS

Programming Languages: Python, HTML/CSS, JavaScript, Scheme, Haskell

Libraries & Tools: Pytorch, NumPy, Pandas, Einops, Einsum, Wandb, Jupyter Notebook, Selenium, BeautifulSoup, Matplotlib, Git/ Github, VS Code, Vim, Next.js, React.js, Anthropic, Firebase

EXPERIENCE

METR

March 2024- October 2024

Contract Software Engineer

- Architected and implemented an end-to-end pipeline leveraging LLMs to automatically identify and evaluate GitHub pull requests for AI safety research, processing over 2,000 PRs across major ML repositories
- Developed intelligent git diff summarization algorithms achieving 80% compression while preserving key technical information, enabling effective LLM evaluation within token limits
- Built and deployed an automated resume scoring system using Claude API, which allowed METR to prioritize screening resumes based on ML engineering scores via a standardized rubric that I helped design
- Created targeted outreach tools that identified and gathered contact information for 1,600+ ML graduate students

Qally's and 80,000 hours

June 2024 - August 2024

Contract Software Engineer

- Engineered a distributed web scraping system using rotating proxies to ethically gather and analyze LinkedIn profiles at scale, processing 1,000+ profiles per day
- Developed ML-based urgency scoring algorithm that reduced response time for high-priority contacts
- Automated manual outreach processes, saving the team \$60,000 annually in operational costs

Eventlore

April 2021 - March 2022

- Founded an organization during lockdown with 11 volunteers at its peak
- Hosted remote events such as chess tournaments and hackathons for students in order to raise money for effective charities

SELECTED PROJECTS

Nexus

December 2023 - March 2024

- Developed a full-stack web [application](#) using Node.js, React, Python and Firebase, allowing users to upload, save and search for over 1000 extracurricular activities.
- Project won 2nd place and seed funding in a national entrepreneurship competition with over 1200 teams.

CS61A

July 2023- August 2023

- Self studied Berkeley's cs61a and ended with an A
- Built a fully functional [Scheme](#) interpreter in Python using the eval-apply model, supporting features like special forms, environments, and macro evaluation
- Developed a TypeRacer-inspired typing test [application](#) with autocorrect functionality implementing Levenshtein edit distance using dynamic programming optimizations

EXTRA-CURRICULARS

Chess

- Winner of Vivum Chess 2022, a major tournament with 100s of players across India. [Finals](#) streamed on youtube.
- Captained the school chess team, winning several competitions for the first time in School's history.
- Estimated ELO of ~2100, placing in the top 0.2% of active players globally

Piano

- Performed the piano in several charity concerts throughout India with 100s of audience members.
- Achieved Distinction in Trinity College London's Grade 7 Piano exam.