

# PUBLIC SUBMISSION

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## General Comment

Autonomous AI Research Institute (AARI)

### Vision & Mission

To establish a world-class, research authority that accelerates AI-driven innovation, cultivates top talent, and reinforces U.S. leadership in artificial intelligence. AARI will serve as a global hub where advanced computing resources, interdisciplinary expertise, and open collaboration converge to tackle foundational AI challenges over the next 3–5 years.

1. The establishment of a dedicated “STEM Research” visa program designed to attract and retain top-tier global AI talent. This program would feature accelerated processing, multiyear validity, and renewal criteria directly linked to measurable contributions in AI research and development. By reducing administrative barriers, US can ensure access to innovators who bring novel perspectives and specialized expertise critical for advanced AI applications.

2. To foster integration of international experts into R&D, the proposal recommends launching AI Exchange Centers (AIXCs) in strategic regions nationwide and worldwide. Partnership between research labs, flagship universities, and industry contractors, each center would host rotational fellowships, workshops, and joint mission sprints. Partner universities worldwide may nominate advanced undergraduates or graduate students for minimum 6-month research rotations. AARI issues credit recommendations mapped to home-institution curricula. Visiting students retain matriculation at their home university while gaining AARI co-supervision and access to our cloud/PETAFLIPS clusters. Competitive fellowships cover travel, housing, and living expenses, ensuring socioeconomic diversity.

3. Staff and Research Appointments: Applicants demonstrate outstanding motivation & technical foundation (publications, open-source contributions, hackathons). Core faculty drawn from leading AI organizations(Anthropic, Deepmind, MIT CSAIL, etc) and tenured professors who commit agreed fractional effort to AARI.

4. In-house AI assistants to automate code reviews, literature surveys, experiment design, and data-labeling—boosting individual researcher throughput by an order of magnitude. Petascale clusters and HPC resources, managed by a dedicated Ops team, to support compute-intensive training and simulation tasks. Certain labs operate under an “open-science” ethos with live data feeds, transparent benchmarks, and public leaderboards to catalyze community contributions. Non exclusive work to be open-sourced, hackathons, etc(highly paid and making it as AARI fellows/interns holds a heavy weight world-wide and during interviews) for public input whereas researchers can work more on closed work.

5. Dedicated office for industrial partnerships, standardization efforts, and small-business spin-outs that translate AARI breakthroughs into products.

Note: People will the choice to work both sides simultaneously or at AARI because brains are needed everywhere we can let them get concentrated at a place and cause mishaps occuring every where else.