





John Rho

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Education

Harvard University **Cambridge, MA**
Applied Math in Economics, Computer Science B.A. 4.00 GPA 2021–2025
Coursework: Introduction to Computer Science, Intermediate Economics, Linear Algebra and Vector Analysis
Activities: Harvard Undergraduate Capital Partners, Innovation Labs Venture Program, Harvard Computer Society

Experiences

Massachusetts General Hospital, Harvard Medical School **Boston, MA**
Intern Nov 2021–present

- At Gow Lab, built CNN/LSTM models to model linguistic variable representations in the brain

Association for Young Scientists and Innovators, 501(c)(3) nonprofit **Dallas, TX**
Co-founder and Director June 2019–Sep 2021

- **School-Year Mentorship:** Directed research program, pairing mentors to students for CS/engineering projects. Club expanded to 300 members over two years, winning 280+ int'l, national, state, and regional awards over a two-year period.
- **2020, 2021 Summer Coding Institute:** Served as a leader for a virtual programming camp with 350 students and 50 teaching staff across North America over two summers.

Community for Aspiring Shareholders (C.A.S.H. Club Corp.), 501(c)(3) nonprofit **Dallas, TX**
Co-founder and Director Aug 2019–present

- Largest HS Student-Run Network of Investment Clubs: 1,000+ full-time members across 40+ branches in North America, India, UAE, Africa, and South America in addition to 200 full-time officers
- Partnered with 5 financial/trading companies (Finary.io, Invstr)

Booster Fuels, Stanford StartX Startup **Dallas, TX**
Summer Intern June 2019–Aug 2019




- Applied Root Cause Analysis strategies towards injury prevention; reduced cost from \$40,000/year to \$4,000/year
- Created educational material to instruct new service professionals during widespread company expansion

Scouts BSA, Troop 1000 **Plano, TX**
Eagle Scout, Patrol Leader, Troop Scribe/Treasurer March 2018–Sep 2019

- Awarded as top patrol by scoutmasters for total rank/merit badge advancements and patrol attendance
- Managed \$4K in troop funds, cut expenditures by 5%

Mark Cuban Foundation **Dallas, TX**
Student Mentor for AI Bootcamps Jul 2020–Aug 2021

Skills

 **Languages:** Python, Javascript, HTML/CSS, SQL, C
 **Frameworks/Libraries:** TensorFlow, PyTorch, React JS, Flask
 **Miscellaneous** Excel, Investing, Shooting 3-pointers

Awards

Coca-Cola Scholar; \$20K Scholarship to 150 students (100,000 applicants) 2021
Regeneron ISEF, 2x Finalist, 4x Grand/Special Award Winner 2020–2021
Diamond Challenge Pitch Competition; 2nd Place Global Winner, \$4,000 Award 2021
Tiger Global Case Competition; North American Finalist (Top 10/700 team) 2020