Russell Yang

Yale engineering student interested in private equity. Background in AI and healthcare. Previously at KKR.

linkedin.com/in/russell-yang • russell.yang@yale.edu • (650) 889-9922 • russellyang.com

EDUCATION

Yale University

BS in Electrical Engineering and Computer Science, Molecular Biophysics and Biochemistry — 2025
- National Merit Scholar, MIT OMEGA Scholar, Ascend $10K Scholarship for AAPI leaders — GPA: 3.96
- Sigma Chi Fraternity (Philanthropy Chairman), Yale Real Estate Group (Senior Advisor)

Massachusetts Institute of Technology on edX

MicroMasters in Statistics and Data Science — 2020
- Graduate coursework in machine learning, statistics, probability, econometrics — GPA: 98
- Community Teaching Assistant for econometrics, taught by Nobel Laureate

WORK EXPERIENCE

KKR — New York, NY

Summer Analyst — 2023
- Performed global macro underwriting for private equity deals

Johnson & Johnson — Cincinnati, OH

Robotics Data Science Co-op — 2022
- Developed AI solutions for a surgical robot

Stanford Medicine — Stanford, CA

Research Intern, then Data Analyst — 2019-2020
- Developed AI tools for cancer research, 2 summers + school year

Kabir's Prep — Southfield, MI (Remote)

MCAT Writer — 2022-2023
- Wrote mock MCAT exams – pharmaceutical chemistry, life sciences

COMMITTEE SERVICE

Yale Advisory Committee on Investor Responsibility — New Haven, CT

Committee Member — 2022-2024
- Appointed by President to make voting recommendations for Yale endowment's stock

Yale Undergraduate Organizations Funding Committee — New Haven, CT

Director — 2022-2023
- Led 17-person committee to distribute $400,000 to ~600 Yale student clubs

American Statistical Association Committee on Scientific Freedom & Human Rights — Alexandria, VA

Ex-Officio Member — 2023
- First-ever student member to serve on ASA committee as part of new pilot program

HONORS

- Carnegie Hall Soloist, Perfect Raw Score on AP Comp Sci (top 0.295%), Regeneron ISEF Finalist
- ACT (36/36), PSAT (1520/1520), SAT Subject Tests Math & Chemistry (800/800)

SKILLS

Languages R, Python	**Technical** LBO Modeling, AI	**Tools** Excel, PowerPoint

LEADERSHIP EXPERIENCE

Massachusetts Institute of Technology on edX   Boston, MA (Remote)
Data Analysis (Econometrics) Community Teaching Assistant   2020
- Graduate class with 8345 enrollees, Certificate of Excellence from MIT Econ Nobel Laureates

Engage STEM   Los Altos, CA
Nonprofit President   2018-2022
- 43 chapter orgs, contest with 200+ entries from 33 states/36 countries, Hershey & MIT grants

PUBLICATIONS & POSTER PRESENTATIONS

Yang, R. (2023). Privacy and Surveillance Concerns in Machine Learning Fall Prediction Models: Implications for Geriatric Care and the Internet of Medical Things. ***AI & Society***.

Yang, R. (2020). Who Dies from COVID-19? Post-Hoc Explanations of Mortality Prediction Models Using Coalitional Game Theory, Surrogate Trees, and Partial Dependence Plots. ***medRxiv Preprint***.

Yang, R., Espin Perez A., Gentles A. (2020). Modeling Distant Metastasis-Free Survival: Applications to Hazard Prediction and Pairwise Gene Interaction Discovery. ***Poster Presentation at Sigma Xi VS3 Symposium***.

Yang, R., Espin Perez A., Gentles A. (2020). Joint Prediction of Regional Lymph Node Metastasis and Distant Metastasis in Colorectal Cancer Using Hard Parameter Sharing and Sparse Structure Learning. ***Poster Presentation at Cancer Systems Biology Consortium Annual Meeting***.

MEDIA

- Press release for senior citizen tech literacy efforts [nasdaq.com]
- MIT News for senior citizen tech literacy efforts [news.mit.edu]
- MIT MicroMasters profile [micromasters.mit.edu]
- Carnegie Hall performance program [americanprotege.com]
- Yale Engineering expansion [yaledailynews.com]
- Yale Real Estate Group launch [yaledailynews.com]