Charlotte Rosario

charlottearosario@gmail.com | charlotterosario.com | 650-436-2577

Education

The Nueva School (San Mateo, California)   *Anticipated graduation: June 2025*
- GPA: 4.0 / 4.0 | SAT: 1590 (790 ERBW, 800 Math)
- Coursework: **Math** (Linear Algebra, Math Modeling, Multivariable Calculus, Advanced Probability), **Computer Science** (Algorithms, Data Science, Advanced Machine Learning), **Other** (Microeconomics, Psychology, Physics)
- **Programming** (Proficient+): Python, PANDAs, R, Javascript, Java, Ruby, Freesurfer | **Design**: Wix, Figma | **Language**: Chinese (Intermediate) | Co-Captain of Varsity Girls Soccer

Stanford University, Class of 2029. Symbolic Systems (Computer Science, Psychology, Philosophy).

Technical Projects and Research

SearchMentalHealth.com - Founder and Developer   *1/24-Present*
Sole developer of an AI-powered mental health services search platform using MERN stack (e.g. Node.js, MongoDB), Flask and Gemini API for few-shot classification, and Ruby for automated data scraping. Partnered w/ National Alliance for Mental Illness, servicing queries in 3100+ counties. Winner, Joey Kovacevich Innovation Fellow ($5500). Featured by CBS, ABC, Girls Who Code.

Stanford Center for Interdisciplinary Brain Science Research (CIBSR) - Student Researcher   *5/23-3/25*
Conducted neuroscience research project on puberty's impact on adolescent depression using fMRI neuroimaging data & statistical modeling. Presented at international conference (OHBM '23, Seoul) & Stanford MCHRI Symposium. Winner, Regeneron STS.

Computational Social Science Research (Independent)   *6/23-11/23*
Conducted research on age-specific linguistic markers of depression on social media using natural language processing & machine learning. Published in Association for Computational Linguistics & presented at 2 international conferences (RANLP, EMNLP; '23).

KnowMe - Developer (Independent Project)   *11/23-1/25*
Built a full-stack peer support platform matching teens with shared adversity experiences. Implemented with React, Node.js, Express, and Firebase. Integrated real-time database & dynamic user matching algorithm. Deployed with 4 high schools; 70+ active users.

GreenSwing - Engineer (Independent Project)   *10/21-11/23*
Co-developed a patent-pending, low-cost electromechanical system that harvests kinetic energy from household movements (e.g., swinging doors) for off-grid battery charging & microgrids in resource-limited regions. Winner, 2022 Conrad Challenge Power Pitch.

Leadership & Service

Invention Studio - Co-Captain   *3/22–Present*
Leading an award-winning design engineering program at Nueva focused on social impact tech. Trained 500+ students across 18 teams in need-finding, product design, user testing; secured 6+ patented products. Spearheaded partnerships with IDEO, YCombinator, Stanford d.school. Invited speaker, Design Thinking Institute (3x).

The Community Photobooth - Founder and Advisor   *12/19–Present*
At age 12, launched initiative bridging photography with philanthropy; for 6+ years, scaled to self-running 18-person executive team & held annual "Photoshoot Fundraisers," conducting 550+ photoshoots & raising $50k+ for 16+ global causes (e.g. Kenyan youth refugees at Gizzim; childhood cancer at St. Baldricks). Currently oversee Pres. & VP & contribute as part-time photographer.

San Mateo County Behavioral Health Commission - Co-Chair of Youth Action Board   *12/22–Present*
1 of 12 youth representatives of 155,000 students across county in mental health policy & funding decisions w/ Board of Supervisors.

UNICEF USA - Youth Representative   *6/24-5/2*
Appointed 1 of 10 national youth leaders. Oversaw 125+ UNICEF clubs across 6 states; ; co-led World Mental Health Day campaign (1,000+ youth reached), developed child rights workshops, and lobbied for state legislation on youth mental health access.

Honors and Awards

- **Regeneron Science Talent Search Top 40** (2025); $25,000 for top young scienctists in US; selected for neuroscience research

- **National Center for Women & Information Technology (NCWIT) Aspirations in Computing National Winner** (2024); top 40 high school girls (top 1%) from 3,300 applicants across US for computer science research, projects, and leadership.

- **PEOPLE's "Girls Changing the World"** (2024); 1 of 7 recognized globally for leadership, impact, and philanthropy.

- **Girls Who Code x Cle De Peau Beaute "20 Under 20"** (2024); awarded internationally for STEM achievements.

- **Rise Fellow** (2023); 1 of 100 youth changemakers from 43 countries selected by Schmidt Futures & Rhodes Trust for innovation & social impact to receive full-ride scholarship, lifetime benefits, & project funding. Featured in TeenVogue.