ALEXANDER SCHWARTZ

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EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science (SEAS) — New York, NY   Expected May 2025
Bachelor of Science in Computer Science with a minor in *Economics*
- GPA: 3.81/4.0 | Dean's List All Semesters
- Coursework: AI, Advanced Programming, Databases, Data Structures in Java, Probability, Multivariable Calculus, Art of Engineering
- Programs: Goldman Sachs Emerging Leaders Series (May. 2022), McKinsey First Year Leadership Academy (June. 2022), Goldman Sachs Virtual Insight Series (June. 2022), Bank of America Diversity & Inclusion Forum: Market Movers (Feb. 2022)
- Professional Networks: Society of Hispanic Professional Engineers (April. 2022 – Present)

EXPERIENCE & PROJECTS

Columbia University Computer Science Department, *Teaching Assistant* – New York, NY   Sep. 2023 – Present
- Working as a Teaching Assistant for the Data Structures class, one of the most fundamental in the Computer Science major, covering fundamentals of algorithmic problem solving, efficient data storing and manipulation, and runtime behavior
- Assist with assignment and test design, grading, and hosting office hours and recitation sessions for over 400 students

Columbia University Earth Engineering Center, *Summer Researcher* – New York, NY   May 2023 – Sep. 2023
- Conducted research under the supervision of Professor Thanos Bourtsalas on the impact of circular economy practices on corporate sustainability, including ESG scores, EPR regulations, and financial health
- Responsibilities included reviewing environmental and financial literature, collecting and analyzing data, and writing a report

Zoog, *Business Analyst* – Tel Aviv, Israel   Jun. 2022 – Jul. 2022
- Updated company's financial models and forecasted the achievement of KPI's for different scenarios using Excel
- Generated curated list of 30+ organizations in the United States for future collaboration in diversity-oriented projects

Celsius Network, *Consultant* – Hoboken, NJ   Feb. 2022 – May 2022
- Provided advice to improve the fintech company's native token and increase its demand and market capitalization
- Conducted market study and competitive analysis to suggest which functionalities to add to the company's banking services

Llaveros Intocable (COVID Keychain Business), *Founder and Co-Owner* — Caracas, Venezuela   Jul. 2020 – Sep. 2021
- Founded a keychain business with a specific shape to help people avoid touching potentially contaminated surfaces during COVID
- Performed market study, negotiations with suppliers, marketing, sales, delivery, and customer support, completing 500+ sales

LEADERSHIP & ORGANIZATIONS

Venezuelan Student Association at Columbia University, *Co-Founder and President* – New York, NY   Feb. 2022 – Present
- Drafted constitution alongside fellow Co-Founders, establishing a club to serve as a hub for Venezuelan culture on campus
- Plan and oversee all the club's events, represent the club to the University administration and run executive board meetings

TAMID Group at Columbia, *Project Manager* — New York, NY   Oct. 2021 – Present
- Lead team of 5 consultants on a semester-long pro-bono consulting project, being responsible for matching with the startup, managing all communication between the team and the company and organizing weekly meetings to complete our objectives
- Worked with Zoog, an AR startup, conducting a competitive analysis by researching competitor app's user experience

Columbia Engineering Student Council, *Class President & Finance Committee Member* – New York, NY   Oct. 2021 – May 2023
- Elected in freshman year and reelected in sophomore year to represent the student body to the University's administration
- Organize activities and initiatives catered to student's needs, including COVID accommodations and finals season mental health

Caracas Model United Nations, *Academic and Logistics Secretary* — Caracas, Venezuela   Sep. 2018 – May 2021
- Organized high school's annual Model United Nations conference, with hundreds of yearly participants and 6 committees
- Reviewed all background guides containing important committee information as academic's secretary in 2020, and managed the conference's budget, participant invitations and overall organization as logistics secretary in 2021

Yad Vashem, *Speaker* — Jerusalem, Israel   Jan. 2021
- Prepared and delivered speech on behalf of Latin American youth on the International Holocaust Remembrance Day event on Zoom

Eleazar López Contreras School, *Tutor* — Caracas, Venezuela   Oct. 2019 – Apr. 2020
- Taught public speaking, math, and ethics weekly lessons to 5th graders at a low-income school. Created new MUN conference and coached 25 students. Prepared recreational activities and provided snacks to participants

SKILLS AND INTERESTS

- Languages: English (native), Spanish (native), Portuguese (intermediate), Hebrew (elementary)
- Technical Skills: Most experienced in Java, Python and C, some experience in SQL, HTML and CSS. Proficient in Microsoft Suite
- Interests: Photography, Tennis, Backgammon and Chess, Languages, Museums, Latin American Music, 20th Century History