

Christian Yongwhan Lim

Contact Information	605 W 42nd St Ph 4S New York, NY 10036 (650) 353-6748	https://www.yongwhan.io Citations: 617+ yongwhan@yongwhan.io
Citizenship Status	US Citizen	
Current Experience	Christian and Grace Consulting LLC Owner (Co-Founder)	4/2023 –
	<ul style="list-style-type: none">• Coaching, mentoring, and guiding the next generation of competitive programmers.<ul style="list-style-type: none">– For anyone, career (quant, tech, startup, etc) and/or interview preparation.– Especially for college students, ICPC.– Especially for high school students, IOI/USACO (national).	
	Columbia University Adjunct Associate Professor of Computer Science	1/2022 – 1/2025 –
	<ul style="list-style-type: none">• Competitive Programming (Spring 2025) Associate in Computer Science	1/2022 – 12/2024
	<ul style="list-style-type: none">• Advanced Topics in Competitive Programming (Fall 2024)• Competitive Programming ×5 (Fall 2024; Spring 2024; Fall 2023; Spring 2023; Fall 2022)• Interview Preparation in C++ ×3 (Fall 2023; Fall 2022; Spring 2022) Head Coach of ICPC Team	3/2022 –
	International Collegiate Programming Contest (ICPC) Foundation Internship Manager	12/2022 –
	Interview Kickstart Technical Mentor	7/2023 –
Education	Massachusetts Institute of Technology Ph.D. (started, but did not finish) Operations Research (OR) Advisor: Asuman Ozdaglar 2013 Kwanjeong Scholarship recipient, for the entire duration of Ph.D.	9/2013 – 1/2016
	Stanford University M.S. Computer Science (CS) (AI Track) B.S. Honors Computer Science (AI Track) and Mathematics Advisors: Fei-Fei Li and Persi Diaconis	9/2007 – 1/2013
Languages	C++; English; Korean;	
Selected Professional Experience	Fun.xyz Principal Engineer	7/2024 – 9/2024
	<ul style="list-style-type: none">• Upgraded and maintained a testing infrastructure, to make sure the volume of transactions in production can be adequately handled.	
	Two Sigma Investments Senior Quantitative Software Engineer (Derivative Modeling Engineering)	7/2022 – 2/2023
	<ul style="list-style-type: none">• Implemented fixed income quantitative strategies and email alert and analytic tools.• Served as an instructor for a competitive programming course.	10/2022 – 2/2023

- Helped to drive multiple Human Resources (HR) initiatives.
 - Two Sigma x ICPC NAC 2/2023
 - 2022 NewTS Senior Mentor 10/2022 – 2/2023
 - ACE Working Group: Design Questions 11/2022 – 2/2023

Google 10/2016 – 6/2022
 Research Software Engineer (Machine Learning Research) 3/2021 – 6/2022

- Worked on multiple proprietary algorithms that are deployed to the core algorithms in multiple product areas.
- Created internal technical reports on a weekly basis to highlight the results.

Systems Software Engineer (Research) 5/2019 – 9/2020

- Built a testing framework on both software and hardware specialized in ultrafast machine learning inference.
- Our team was responsible for bringing up a testing infrastructure to systematically test the chip under development.
- Helped in designing and architecting a layout of hardwares within the chip for efficient routing and scheduling.
- Synced weekly to make sure all the cross-functional teams were on-schedule to deliver their deliverables and discussed issues and blockers.

Research Software Engineer (Brain Research) 10/2020 – 11/2021
 Software Engineer (TensorFlow Runtime) 9/2020 – 2/2021

- Fixed and maintained the low-level C++ implementation.

Tech Lead (Google Kick Start Practice Rounds) 10/2020 – 11/2021
 Software Engineer (Google Ads and Core) 10/2016 – 5/2019

- Built an internal log analyzer tool to maximize Google engineers' productivity.

Microsoft Summer 2012
 Software Development Engineer Intern

- Developed a novel machine learning algorithm to detect compromised users.

Scholarships and Awards

Outstanding Mentorship Award – Quatrefoil Medal from ICPC Challenge powered by Huawei
2023 ICPC North America – Excellence in Leadership Award
Kwanjeong Scholarship – Received a major scholarship from Korea in 2013.
ACM-ICPC Pacific Northwest Regional Contest – Ranked 7th (2012); 9th (2011);
Google Code Jam – Advanced to 2012 Online Round 2 (Top 3000).
Facebook Hacker Cup – Advanced to 2011 Online Final. Won t-shirt in 2024; 2020; 2015;
TopCoder Open – Won t-shirt in 2019.
Mathematical Contest in Modeling – Won 2009 Meritorious Prize.
Putnam Mathematics Competition – Won 2008 Highbridge Book Awards (Top 65 at Stanford).
Michigan Mathematics Prize Competition – Ranked 2nd (Gold Award) out of 9.3K+ in 2007.

Selected Teaching Experience

Massachusetts Institute of Technology (MIT) 6/2022 – 5/2023
 Lecturer

Competitive Programming Training

CodeForces – 4958 problems solved (rank: 57th/1315880 \approx top .004%)
Kattis – 5674.0 points (rank: 39th [Overall] and 8th/34638 \approx top .02% [USA])
acmicpc.net – 3113 problems solved (rank: 150th/566359 \approx .03%)
solved.ac – rated 2913 (rank: 47th/174099 \approx .03%)