

## Christian Yongwhan Lim

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<b>Contact Information</b>	605 W 42nd St Ph 4S New York, NY 10036 (650) 353-6748	<a href="https://www.yongwhan.io/">https://www.yongwhan.io/</a> Citations: 617+ <a href="mailto:yongwhan@yongwhan.io">yongwhan@yongwhan.io</a> ;
<b>Citizenship Status</b>	<b>US Citizen</b>	
<b>Education</b>	<b>Massachusetts Institute of Technology</b> 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
	<b>Stanford University</b> 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
<b>Languages</b>	C++; English; Korean;	
<b>Current Experience</b>	<b>Christian and Grace Consulting LLC</b> Owner (Co-Founder) <ul style="list-style-type: none"><li>• Coaching, mentoring, and guiding the next generation of competitive programmers.<ul style="list-style-type: none"><li>– For anyone, career (quant, tech, startup, etc) and/or interview preparation.</li><li>– Especially for college students, ICPC.</li><li>– Especially for high school students, IOI/USACO (national).</li></ul></li></ul>	4/2023 –
	<b>Columbia University</b> Adjunct Associate Professor of Computer Science <ul style="list-style-type: none"><li>• Competitive Programming (Spring 2025)</li></ul> Associate in Computer Science <ul style="list-style-type: none"><li>• Advanced Topics in Competitive Programming (Fall 2024)</li><li>• Competitive Programming ×5 (Fall 2024; Spring 2024; Fall 2023; Spring 2023; Fall 2022)</li><li>• Interview Preparation in C++ ×3 (Fall 2023; Fall 2022; Spring 2022)</li></ul> Head Coach of ICPC Team	1/2022 – 1/2025 – 1/2022 – 12/2024
	<b>International Collegiate Programming Contest (ICPC) Foundation</b> Internship Manager	12/2022 –
	<b>Interview Kickstart</b> Technical Mentor	7/2023 –
<b>Selected Professional Experience</b>	<b>Two Sigma Investments</b> Senior Quantitative Software Engineer (Derivative Modeling Engineering) <ul style="list-style-type: none"><li>• Implemented fixed income quantitative strategies and email alert and analytic tools.</li><li>• Served as an instructor for a competitive programming course.</li><li>• Helped to drive multiple Human Resources (HR) initiatives.<ul style="list-style-type: none"><li>– Two Sigma x ICPC NAC</li><li>– 2022 NewTS Senior Mentor</li><li>– ACE Working Group: Design Questions</li></ul></li></ul>	7/2022 – 2/2023 10/2022 – 2/2023 2/2023 10/2022 – 2/2023 11/2022 – 2/2023

<b>Fun.xyz</b>	7/2024 – 9/2024
Principal Engineer	
<ul style="list-style-type: none"> <li>Upgraded and maintained a testing infrastructure, to make sure the volume of transactions in production can be adequately handled.</li> </ul>	
<b>Google</b>	10/2016 – 6/2022
Research Software Engineer (Machine Learning Research)	3/2021 – 6/2022
<ul style="list-style-type: none"> <li>Worked on multiple proprietary algorithms that are deployed to the core algorithms in multiple product areas.</li> <li>Created internal technical reports on a weekly basis to highlight the results.</li> </ul>	
Systems Software Engineer (Research)	5/2019 – 9/2020
<ul style="list-style-type: none"> <li>Built a testing framework on both software and hardware specialized in ultrafast machine learning inference.</li> <li>Our team was responsible for bringing up a testing infrastructure to systematically test the chip under development.</li> <li>Helped in designing and architecting a layout of hardwares within the chip for efficient routing and scheduling.</li> <li>Synced weekly to make sure all the cross-functional teams were on-schedule to deliver their deliverables and discussed issues and blockers.</li> </ul>	
Research Software Engineer (Brain Research)	10/2020 – 11/2021
Software Engineer (TensorFlow Runtime)	9/2020 – 2/2021
<ul style="list-style-type: none"> <li>Fixed and maintained the low-level C++ implementation.</li> </ul>	
Tech Lead (Google Kick Start Practice Rounds)	10/2020 – 11/2021
Software Engineer (Google Ads and Core)	10/2016 – 5/2019
<ul style="list-style-type: none"> <li>Built an internal log analyzer tool to maximize Google engineers' productivity.</li> </ul>	
<b>Microsoft</b>	Summer 2012
Software Development Engineer Intern	
<ul style="list-style-type: none"> <li>Developed a novel machine learning algorithm to detect compromised users.</li> </ul>	

<b>Scholarships and Awards</b>	<b>Outstanding Mentorship Award</b> – Quatrefoil Medal from ICPC Challenge powered by Huawei <b>2023 ICPC North America</b> – Excellence in Leadership Award <b>Kwanjeong Scholarship</b> – Received a major scholarship from Korea in 2013. <b>ACM-ICPC Pacific Northwest Regional Contest</b> – Ranked 7th (2012); 9th (2011); <b>Google Code Jam</b> – Advanced to 2012 Online Round 2 (Top 3000). <b>Facebook Hacker Cup</b> – Advanced to 2011 Online Final. Won t-shirt in 2024; 2020; 2015; <b>TopCoder Open</b> – Won t-shirt in 2019. <b>Mathematical Contest in Modeling</b> – Won 2009 Meritorious Prize. <b>Putnam Mathematics Competition</b> – Won 2008 Highbridge Book Awards (Top 65 at Stanford). <b>Michigan Mathematics Prize Competition</b> – Ranked 2 <sup>nd</sup> (Gold Award) out of 9.3K+ in 2007.
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<b>Selected Teaching Experience</b>	<b>Massachusetts Institute of Technology (MIT)</b> 6/2022 – 5/2023 Lecturer
<b>Competitive Programming Training</b>	<b>CodeForces</b> – 4958 problems solved (rank: 57th/1315880 $\approx$ top .004%) <b>Kattis</b> – 5674.0 points (rank: 39th [Overall] and 8th/34638 $\approx$ top .02% [USA]) <b>acmicpc.net</b> – 3113 problems solved (rank: 150th/566359 $\approx$ .03%) <b>solved.ac</b> – rated 2913 (rank: 47th/174099 $\approx$ .03%)