Christian Yongwhan Lim

Contact Information 605 W 42nd St Ph 4S https://www.yongwhan.io/

New York, NY 10036 Citations: 582+

(650) 353-6748 yongwhan@yongwhan.io; yongwhan.lim@icpc.global;

Citizenship Status Permanent Resident of the United States of America

Citizen of the Republic of Korea

Education

Massachusetts Institute of Technology

9/2013 - 1/2016

Ph.D. (started, but did not finish) Operations Research

Advisor: Asuman Ozdaglar

2013 Kwanjeong Scholarship recipient, for the entire duration of Ph.D

Stanford University

9/2007 - 1/2013

M.S. Computer Science (AI Track)

B.S. Honors Computer Science (AI Track) and Mathematics

Advisors: Fei-Fei Li and Persi Diaconis

Professional Experience Stealth Startup CEO (Co-Founder)

3/2023 -

Fundraising has started!

Christian and Grace Consulting LLC Owner

4/10/2023 -

Two Sigma Investments Senior Quantitative Software Engineer

7/2022 - 2/2023

Served as an instructor for a competitive programming course.

Implemented fixed income quantitative strategies and email alert and analytic tools.

Helped to drive multiple Human Resources (HR) initiatives.

Google

10/2016 - 6/2022

Tech Lead (Google Kick Start Practice Rounds)

Research Software Engineer (Google Research Brain and Machine Learning)

Software Engineer (Google Ads and Core)

Research Assistant (MIT) Optimization & Network Game Theory Group Fall 2013 - Fall 2015

Software Development Engineer Intern (Microsoft)

Summer 2012

Research Assistant (Stanford) Computer Vision Lab

Fall 2009 - Fall 2011

Languages

C++ with Standard Template Library (STL)

Fluent in English

Native in Korean

Teaching Experience

Rated 5.0/5 at Columbia University based on 58 reviews https://www.ratemyprofessors.com. All official course evaluations from Columbia University can be found in link.

Fall 2023

Associate in Computer Science (Columbia)

(to be confirmed) Competitive Programming

(to be confirmed) Technical Interview Preparation in C++

(to be confirmed) **Visiting Instructor** (Cornell-Tech)

Spring 2023

Lecturer (MIT)

Associate in Computer Science (Columbia)

Competitive Programming (COMS 4995-8; 169 students + 3 CVNs + 37 observers)

Independent Activities Period (IAP) 2023

Lecturer (MIT)

Problem Solving Strategies for Technical Interviews (255 students expressed interests)

Fall 2022

Lecturer (MIT)

Associate in Computer Science (Columbia)

Technical Interview Preparation in C++ (COMS 4995-7; 48 students + 74 observers)

Course Evaluation (Overall Instructor Quality): 4.83/5 from 29 students out of 48 students Competitive Programming (COMS 4995-8; 55 students + 50 observers)

Course Evaluation (Overall Instructor Quality): 4.70/5 from 43 students out of 52 students Visiting Instructor (Cornell-Tech)

Special Workshop Series in Technical Interview Preparation (148 students + 1 observer)

Summer 2022

Lecturer (MIT)

Developed MITx MicroMasters working with Professors Aleksander Madry and Asuman Ozdaglar.

Research Mentor (Harvard) Summer Introduction to Mathematical Research (SIMR) Program Lectured on network flows

Mentored undergraduate math majors on quantitative analysis in finance.

Spring 2022

Associate in Computer Science (Columbia)

Technical Interview Preparation in C++ (COMS 4995-13; 52 students + 80 observers)

Course Evaluation (Overall Instructor Quality): 4.91/5 from 45 students out of 52 students

Visiting Lecturer (Cornell-Tech) Deep Learning (CS 5787)

Teaching Experience (con't)

Fall 2021

Lecturer (CSU Sacramento) Introduction to C Programming (CSC 25)

Lecturer (SJSU) Introduction to the Design and Analysis of Algorithms (CS 155)

Lecturer (CSU East Bay) Professional Development in Computer Science (CS 497)

Summer 2021

Lecturer (UC Santa Cruz) Beginning Programming in Python (CSE 20)

Spring 2021

Lecturer (UC Santa Cruz) Beginning Programming in Python (CSE 20)

Lecturer (CSU East Bay) Professional Development in Computer Science (CS 497)

Fall 2020

Guest Lecturer (Harvard) Advanced Practical Data Science (AC 295)

Guest Lecturer (UC Davis) Software Engineer Early Career Planning (ECS 198)

Fall 2011

Teaching Assistant (Stanford) Introduction to Computer Vision (CS 231A)

Fall 2008 - Spring 2012

Grader (Stanford) Department of Mathematics

Tutor (Stanford) Department of Mathematics

Invited Talks	International Collegiate Programming Contest (ICPC) Training Camp (to be confirmed) National University of Singapore (host: Steven Halim) 8/2024 University of Central Florida (host: Ali Orooji and Arup Guha) 3/21/2023 - 3/25/2023		
	Extended Workshops on Technical Interviews		
	Stanford University (host: Trudy Gonzalez)		
	Spring 2023: Online Technical Interview Bootcamp at Stanford	4/9/2023 - 6/4/2023	
	Sundays at 12pm PT.	, , , , , , , , , , , , , , , , , , , ,	
	Winter 2023: Information Session	3/9/2023	
	Carnegie Mellon University – Silicon Valley (host: Leigh Mason)		
	- ,	2/18; 3/4; 3/18; 4/1; 4/15	
	Saturdays at 12pm PT.	~, 10, 0, 4, 0, 10, 4, 1, 4, 10	
	Massachusetts Institute of Technology		
	MIT Problem Solving (PS) Club	3/22/2023 —	
	Wednesdays at 8pm ET.	0,22,2020	
	Special Workshops on Technical Interviews [slide decks]		
	Stanford University		
	Winter 2023: Stanford Alumni Association (host: Michelle Badger)	2/22/2023 & 3/8/2023	
	Winter 2023: Stanford Computer Forum (host: Trudy Gonzalez)	1/19/2023 & 1/26/2023	
	Fall 2022: Stanford Computer Forum (host: Trudy Gonzalez)	10/5/2022 & 10/6/2022	
	Carnegie Mellon University Silicon Valley (host: Leigh Mason)		
	Fall 2022: CMU Career Services	10/6/2022 & 11/11/2022	
	, ,	2 10/5/2021 & 10/14/2021	
	Spring 2021: CMU Career Services	2/25/2021	
	Swarthmore College (host: Joshua Brody)	4/28/2023	
	University of California Los Angeles (host: UCLA ACM)	4/6/2023 & 4/7/2023	
	University of California Berkeley (host: Park Sinchaisri)	11/21/2022	
	University of California San Diego (host: Jingbo Shang)	10/14/2022 & 10/21/2022	
	University of Illinois Urbana Champaign (host: Mattox Beckman)		
	University of Texas Austin (host: Etienne Vouga)	4/8/2023 & 4/9/2023	
	University of Southern California (host: Computer Science)	11/18/2022 & 11/19/2022	
	Purdue University (host: Ninghui Li)	3/3/2023 & 3/4/2023	
	Harvard University (host: Office of Career Services)	10/14/2022	
	University of Wrocław	6/15/2023 & 6/16/2023	
	KTH Royal Institute of Technology	6/12/2023	
		, ,	
	(to be confirmed) University of Tokyo	Summer 2024	
	National University of Singapore (host: Steven Halim)	2/24/2022 8 2/22/2022	
	Spring 2023: Computer Science	2/21/2023 & 2/23/2023	
	Fall 2022: Computer Sciecne	9/21/2022 & 9/22/2022	
	UNIST (host: Myeongjae Jeon)	9/28/2022 & 9/29/2022	
	Seoul National University (host: Taesup Moon)	8/24/2022 & 8/25/2022	
	KAIST (host: Juho Kim)	8/17/2022 & 8/18/2022	
	"CS is a Dream Come True!" [slide deck]		
	Michigan Math and Science Scholars (host: Mark Conger)	7/7/2022	
	Columbia Research Symposium (host: Emerging Scholars Program)	4/22/2022	
	, ,		
	Columbia University Korean Graduate Student Association (KGSA) Keynote	Career Panel 3/31/2023	
	Open Learning at Massachusetts Institute of Technology	3/8/2023	
	Introduce how to use Google products.	0/0/2020	
		a /o /agaa	
	Digital Learning Lab at Massachusetts Institute of Technology	2/8/2023	

ICPC
Experience

Site Director 2023 ICPC Greater New York Regional (GNYR) at Columbia University 10/29/2023 Staff 2023 ICPC North America Championship (NAC) 5/25/2023 - 5/30/2023North America Leadership Attend monthly meeting. 6/2023 -Judge 2022 ICPC Greater New York Regional (GNYR) 2/26/2023 10/2022 -ICPC North America Qualifier (NAQ) 10/2022 -ICPC Mid-Central Regional Internship Manager 12/2022 -The current count of interns in 2023 internship initiative is 43! 24 discontinued after securing a full-time job! ICPC Online Training in Competitive Programming 1/14/2023 -Weekly Sunday ICPC Internship Sync-up from 9am ET to 11am ET. Weekly Sunday ICPC Practice Contests from 1pm ET to 6pm ET. Weekly Sunday ICPC Masterclass from 8pm ET. Head Coach Columbia ICPC [link] 2/2022 -355+ members (3 world finalists) and growing. Officially sponsored by Tesla and CertiK. Soon to be officially sponsored by more companies. Weekly Wednesday ICPC GNYR Practice Contests from 7pm ET to 9:30pm ET. Spring 2023 -

Fall 2022 -

8/2023

9/25/2022

5/30/2022

5/30/2022

3/6/2022

3/6/2022

3/6/2022

2/26/2023

3/6/2022

Summer~2022

Weekly Saturday ICPC Practice Contests from 12pm ET to 5pm ET.

Weekly Saturday ICPC Practice Contests from 12pm ET to 5pm ET.

Columbia-fortcoders qualified to 2022 ICPC World Finals, to be held in 11/2023.

Columbia-fortcoders is invited to 2022 North America Programming Camp (NAPC).

Columbia-fortcoders is invited to 2022 North America Championship (NAC).

2023 Columbia University Local Contest (CULC) will be organized.

Columbia-fortcoders won 2021 ICPC North America (NA) GNYR.

23 Columbia teams were represented in 2022 ICPC NA GNYR.

13 Columbia teams were represented in 2021 ICPC NA GNYR.

Columbia-fortcoders finished 8th in 2022 NAC.

2022 CULC is organized.

Research Mentoring Experience

Spring 2023

Gabriel Ryan (Columbia: SEAS CS PhD '23; co-advised with Professor Suman Jana) Tobias Hanl (Columbia: SEAS CS MS '23 [Fall]; co-advised with Professor Zhou Yu) Alessandro Barbiellini Amidei (Harvard: Math AB '25 [Spring]) John Michael Boesen (Harvard: Applied Math + CS AB '25 [Spring])

Fall 2022

Alessandro Barbiellini Amidei (Harvard: Math AB '25 [Spring])
John Michael Boesen (Harvard: Applied Math + CS AB '25 [Spring])
Samanway Sadhu (Columbia: SEAS CS MS '22 [Fall]; co-advised with Professor Suman Jana)
Tobias Hanl (Columbia: SEAS CS MS '23 [Fall]; co-advised with Professor Zhou Yu)
Ziwei Han (Columbia: SEAS CS MS '22 [Fall]; co-advised with Professor Lydia Chilton)

Summer 2022

Alessandro Barbiellini Amidei (Harvard: Math AB '25 [Spring])

Iris Lang (Harvard: Statistics + CS AB '25 [Spring])

Will Hahn (Harvard: AB '25 [Spring])

Jarell Cheong Tze Wen (Harvard: Math AB '25 [Spring])

AnaMaria Perez (Harvard: Math AB '24 [Spring]) Mayesha Soshi (Harvard: Applied Math AB '24 [Spring])

Andrew Van Camp (Harvard: Applied Math AB '23 [Spring])

Industry Mentoring Experience 2U (Demo Day Mentor)

Two Sigma (2022 NewTS Senior Mentor)

10/2022 - 2/2023

Summer 2018

3/29/2023

Software Engineer Intern Co-Host (Google)

Q2 2023 (49+ Students)

Q1 2023 (32 Students)

Adrian-Petru Surani (Cornell-Tech)

Akash Nayar (Columbia)

Angel David Sanchez Ocotlan (Columbia)

Angela Mu (Columbia)

Brendan Gubbins (Columbia)

Chi Lee (Columbia)

Christopher Jaehyun Yoon (Columbia)

Hanming Yang (Columbia)

Jiaqing Chen (Columbia)

Jinze Wu (Columbia)

Lance D Wong (Columbia)

Mattias Wei Hao Weaser (Columbia)

Mauricio Gonnzalez (Columbia)

Maxwell Alan Lu (Columbia)

Pamela (Pingyue) Pan (Cornell-Tech)

Pavan Kalyan Damalapati (Columbia)

Qingquan (Megan) Wang (USC)

Rong Bai (Columbia)

Roshun Sunder (Columbia)

Samanway Sadhu (Columbia)

Sameer Saxena (Columbia)

Shihao Wang (Columbia)

Shirley (Xinyue) Gui (Columbia)

Sian Lee Kitt (Columbia)

Suro Lee (Columbia)

Weichen Li (Columbia)

Xingyu Lan (Columbia)

Yang Su (Cornell-Tech)

Yeji Han (KAIST)

Yin Zhou (Columbia)

Yuanhan Tian (Columbia)

Zhen Lei (Columbia)

Industry Mentoring Experience (con't)

Fall 2022 (24 Students) Adrian-Petru Surani (Cornell-Tech: CS MS '23 [Spring]; TBD) Chiamaka Chukwuka (Columbia: SEAS CS BS '23 [Spring]; Full-time at Google) Christopher Yoon (Columbia: CC CS BA '24 [Spring]; 2023 Internship at Virtu) Elijah Journey Fullerton (Columbia: CC IS BA '24 [Spring]; TBD) Ethan Zachary Turok (Columbia: SEAS CS BS '23 [Spring]; TBD) Eumin Hong (Columbia: CC CS BA '23 [Spring]; Full-time at The Voleon Group) Gaurav Sinha (Columbia: SEAS CS MS '22 [Fall]; TBD) Gilead Turok (Columbia: CC CS + Applied Math (double) BA '23 [Spring]; TBD) Guoxin Yin (Columbia: SEAS CS MS '22 [Fall]; TBD) Hanfang Luo (Columbia: CC CS BA '24 [Spring]; 2023 Internship at Amazon) JaeEun Lee (Cornell-Tech: CS MEng '23 [Spring]; Full-time at Veeva Systems) Jiaqing Chen (Columbia: SEAS CS MS '22 [Fall]; Full-time at Goldman Sachs) Mauricio Gonzalez (Columbia: CC CS BA '23 [Fall]; TBD) Nilaksh Agarwal (Columbia: SEAS CS MS '22 [Fall]; TBD) Pingyue (Pamela) Pan (Cornell-Tech: Information Systems MS '24 [Spring]; TBD) Rong Bai (Columbia: SEAS CS MS '22 [Fall]; Full-time at U.S. Bank) Shihao Wang (Columbia: SEAS CS MS '22 [Fall]; Full-time at Amazon) Subin Yun (Cornell-Tech: Information Systems MS '24 [Spring]; TBD) Suro Lee (Columbia: SEAS CS MS '23 [Fall]; TBD) Venkat Ramamoorthi (Columbia: GS CS BA '23 [Spring]; TBD) Wenqing Zhong (Columbia: SEAS CS BS '22 + MS '23 [Spring]; TBD) Xiaoyu Liu (Columbia: SEAS EE MS '22 [Fall]; Full-time at Veeva Systems) Yin Zhou (Columbia: SEAS Applied Math PhD '25 [Spring]; TBD) Ziwei Han (Columbia: SEAS CS MS '22 [Fall]; Fulltime at IXL Learning) Spring 2022 (13 Students) Anais Lawson (Columbia: SEAS CS BS '23 [Spring]; 2023 Internship at Microsoft) Andreas Cheng (Columbia: GS CS BA '22 [Spring]; Full-time at IXL Learning) Andrew Sirenko (Columbia: SEAS CS BS '23 [Spring]; Full-time at Amazon)

Anais Lawson (Columbia: SEAS CS BS '23 [Spring]; Full-time at IXL Learning)
Andreas Cheng (Columbia: GS CS BA '22 [Spring]; Full-time at IXL Learning)
Andrew Sirenko (Columbia: SEAS CS BS '23 [Spring]; Full-time at Amazon)
Benjamin Snyder (Columbia: SEAS CS BS '22 [Spring]; Full-time at Google)
Danrui Yu (Columbia: SEAS CS MS '22 [Spring]; Full-time at Google)
Ian Dorian Macleod (Columbia: SEAS CS BS '23 + MS '23 [Spring]; Full-time at Scale AI)
Olivia Zhang (Columbia: SEAS CS BS '22 [Spring]; Full-time at Goldman Sachs)
Sri Hari Thikkireddy (Columbia: SEAS CS MS '22 [Spring]; Full-time at Google)
Tim Kao (Columbia: SEAS CS MS '22 [Spring]; Full-time at Google)
Xijiao Li (Columbia: SEAS CS BS '21 + MS '22 [Spring]; Full-time at Google)
Yuqi Zhang (Columbia: SEAS CS BS '22 [Spring]; Full-time at TikTok)
Zhen Lei (Columbia: SEAS CS MS '22 [Spring]; Full-time at Amazon)

Zhihao Jiang (Columbia: SEAS CS MS '22 [Spring]; Full-time at Amazon)

Résumé Critiques

200+ résumés

45-Minute Mock Interviews

70 + sessions

```
Community

Emma Nieh

Bolim Lee (University of London; CS BSc '25; TBD)

Soyeon Wang (San Jose State University CS BS '21; Full-time at Amazon)

4/2019 - 10/2022 - 3/2022 - 3/2022 - 12/2020
```

Community	
Service	

Beyond the Farm: Stanford's Alumni Day of Service

5/6/2023

Programming bootcamp, open to anyone in the Greater New York community.

Two Sigma × ICPC NAC (8 Competitors)

2/2023

Member (Two Sigma: ACE Working Group: Design Questions)11/2022 - 2/2023Co-Instructor (Two Sigma: Competitive Programming)10/2022 - 1/2023Instructor (Two Sigma: Competitive Programming)2/2023Presenter (Two Sigma: Work in Progress)10/20/2022

Program Committee

8/2022 -

ACM SIGCSE Technical Symposium 2023: Panels;

ACM ITiCSE 2023: Full Papers; Posters;

Judge

Columbia Data Science Society (CDSS) Hackathon

2/11/2023

ACM SIGCSE Technical Symposium 2023: Student Research Competition

Discord Channel Owner

3/2022 -

ICPC CodeForces Zealots: 896 members and growing!

Includes all members from 2023 ICPC NAC-NAPC participants who elected to join!

ICPC GNYR: 93 members and growing!

(Columbia) Problem Solving Warriors: 427 members and growing!

(Columbia) ICPC Training Warriors: 352 members and growing!

(Columbia) Hedge Funds Warriors: 341 members and growing!

MIT IAP Problem Solving Strategies: 156 members and growing!

Cornell Tech Interview Prep Workshop: 99 members and growing!

Online Technical Interview Bootcamp at Stanford: 56 members and growing!

CMU Technical Interview Workshop: 34 members and growing!

Stanford Alumni Mentoring (SAM) Mentor

1/2023 -

1/2022 -

Volunteered to be a SAM mentor: 15+ students so far!

Stanford University Outreach Volunteer Alumni Link (OVAL) Interviewer

Volunteered to conduct alumni interviews in NY, NJ, and MA chapters.

2023: 46+ (3 admitted!)

2022: 26+

Tech Lead (Google Kick Start Practice Rounds)

10/2020 - 11/2021

Selected problems to use in the practice round.

Set up contest dashboards for participants to use.

Mentored engineering volunteers in order to guide them to complete their tasks.

Appeared on videos to go over the solutions to problems and introduce the program.

Software Engineer Interviewer (Google)

2017 - 2022

Volunteered to conduct 55+ interviews at Google.

Software Engineer Instructor (New Community Baptist Church)

4/2019 - 12/2020

Taught C++, algorithms, and computer science mathematics ground-up, 4 hours every Saturday.

Created course syllabus outlining the entire contents of the course.

Created slides weekly following the syllabus and presented them to students.

Assigned homework weekly and discussed its solutions the following week.

Discussed problem solving strategies: data structure, graph, math, string, and geometry.

Competitive Programming Group Founder (Google)

11/2017 - 1/2021

Created an internal group in Google for those who want to excel in programming contests. Met twice each weekday, two hours each: 8am and 5pm.

Google Code Jam Monitor (Google)

2018 - 2022

Google Code Jam is an annual programming contest to recruit software engineers at Google. Monitored to answer questions contestants asked during the live contest.

Leadership Experience	Organizing Committee ACM SIGCSE Technical Symposium 2024-2025 (Publicity and Social	$2/2023 - \\$ Media)
	Technical Committee (MIT Digital Learning Lab)	10/2022 —
	Co-lead w/ Rachel Krohn (ICPC: New Coach Document Committee)Co-lead w/ Etienne Vouga (ICPC: Curriculum Committee)	10/2022 — 7/2022 —
	East-Coast President (Kwanjeong Scholarship)	Academic Year (AY) 2013
	Social Chair/Webmaster (Stanford) Symphony Orchestra	AY 2010 & 2011
	Vice-President (Stanford) Mathematics Organization	$AY \ 2009$
	Webmaster/Historian Director (Stanford) Korean Student Associate	AY 2009

Reviewer ACM ITiCSE 2023

ACM SIGCSE 2023

IEEE Transactions on Network Science and Engineering (TNSE)

Scholarships and Awards

Scholarships and Kwanjeong Scholarship – Received a major scholarship from Korea in 2013.

ACM-ICPC Pacific Northwest Regional Contest - Ranked 7th in 2012, 9th in 2011;

Google Code Jam – Advanced to 2012 Online Round 2 (Top 3000).

Facebook Hacker Cup - Advanced to 2011 Online Final. Won t-shirt in 2015 (Top 500); 2020.

TopCoder Open – Won t-shirt by solving a problem in 2019 Round 3 (Top 400).

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 Publications

Operations Research (MIT) Yongwhan Lim, Asuman Ozdaglar, and Alexander Teytelboym. "Competitive rumor spread in social networks."

ACM SIGMETRICS Performance Evaluation Review 44.3 (2017): 7-14.

Operations Research (MIT) Yongwhan Lim, Asuman Ozdaglar, and Alexander Teytelboym. "A simple model of cascades in networks."

Mimeo. 2015.

Computer Vision (Stanford) Li-Jia Li, Hao Su, Yongwhan Lim, and Li Fei-Fei.
"Object Bank: An Object-Level Image Representation for High-Level Visual Recognition."
International Journal of Computer Vision (IJCV). 2013.

Computer Vision (Stanford) Li-Jia Li, Hao Su, Yongwhan Lim, and Li Fei-Fei.

"Objects as Attributes for Scene Classification."

First International Workshop on Parts and Attributes.

European Conference on Computer Vision (ECCV). 2010.

Computer Vision (Stanford) Li-Jia Li, Chong Wang, Yongwhan Lim, David Blei and Li Fei-Fei. "Building and Using a Semantivisual Image Hierarchy." IEEE Computer Vision and Pattern Recognition (CVPR). 2010.

Mathematics (Stanford) Yongwhan Lim. "Symmetry Groups of Platonic Solids."

Mimeo. 2008.

Research Experience

Optimization & Network Game Theory (Asuman Ozdaglar, MIT)

Fall 2013 - Fall 2016

Markov Chain & Mixing Time Analysis (Persi Diaconis, Stanford)

Winter 2010 - Fall 2012

Stanford Computer Vision Lab (Fei-Fei Li, Stanford)

Fall 2009 - Fall 2011

Analytic Number Theory (Kannan Soundararajan, Stanford)

Fall 2008 - Summer 2009