GONZALO CIRUELOS

Location: Zürich 8002 - Switzerland ▲ Personal web: www.gciruelos.com ▲ Email: gonzalo.ciruelos@gmail.com

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PROFESSIONAL EXPERIENCE

Oct 2018–ongoing Google. Staff Software Engineer - Tech Lead Manager.

Google Switzerland. Lead of YouTube automated bidding infrastructure. The organization deals broadly with markets, modeling, and optimization for YouTube and Display ads. Promoted to SWE III in Oct 2019, Senior SWE in Oct 2021, and Staff SWE in Oct 2024. Assumed Tech Lead Manager responsibilities on April 2025; my team focuses on modeling and optimizing marketplace dynamics for Brand advertisers on YouTube.

Aug 2016–Sep 2018 University of Buenos Aires. Teaching Assistant.

Computer Organization II (Intel x86_64 architecture and microarchitecture, SIMD processing model, x86 operating system programming and general low-level optimization), and Algorithms and Data Structures III (graph algorithms and computational complexity theory).

Jan 2017–Apr 2017 Google. Software Engineering Intern.

Google Los Angeles. I worked on improving performance and adding features to an ad campaign benchmark visualization tool.

Jan 2016–Mar 2016 Google. Software Engineering Intern.

Google Waterloo. I worked the anti-malvertising team.

EDUCATION

2013–2018 *Licenciatura en Ciencias de la Computación* (Computer Science combined B.Sc. and M.Sc.). University of Buenos Aires. GPA 9.8 (10.0 scale). Thesis: "Factoring Derivation Spaces via Intersection Types", with Pablo Barenbaum

2013–unfinished *Licenciatura en Ciencias Matemáticas* (Mathematics combined B.Sc. and M.Sc.). University of Buenos Aires. Completed 3.5 years of a 6.5 years degree. GPA 9.5 (10.0 scale)

PUBLICATIONS

APLAS Pablo Barenbaum, Gonzalo Ciruelos. "Factoring Derivation Spaces via Intersection Types". APLAS 2018.

Math Horizons Gonzalo Ciruelos. "What is the Roundest Country?". Math Horizons, 26(3).

HONORS AND AWARDS

CIMA 2016 Argentine Intercollegiate Math Competition - 4th place

CIMA 2015 Argentine Intercollegiate Math Competition - 5th place

OMA 2011 Argentine Math Olympiad - Made it to IMO selection test

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PROGRAMMING SKILLS

Preferred languages	C++, Python
Moderate experience	Haskell, Unix shell, SQL, Javascipt/Typescript, x86-64 Assembly, Rust
Basic experience	R, Java

OTHER

Github profile	www.github.com/gciruelos (musthe has 41 forks and 347 stars)
Languages	Spanish (native), English (fluent), German (moderate, B1), French (moderate)
Interests	Math, Systems programming, Programming languages, Economics, Physics
Personal	Citizen of Argentina and Spain. Permanent resident (C Permit) of Switzerland.