GONZALO CIRUELOS

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

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PROFESSIONAL EXPERIENCE

Oct 2018–ongoing Google. Senior Software Engineer.
Google Switzerland. Lead of YouTube automated bidding infrastructure. The organization deals broadly with markets, modeling, and optimization. Promoted to SWE III in Oct 2019 and Senior SWE in Oct 2021.

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

CIMA 2014   Argentine Intercollegiate Math Competition - Honorable Mention

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, HTML/CSS, Javascipt, x86-64 Assembly

Basic experience   R, Java

OTHER

Github profile   www.github.com/gciruelos

Languages   Spanish (native), English (fluent), French (elementary), German (elementary)

Interests   Systems programming, Programming languages, Economics, Math