

# Marcel Duran

contact@marcelduran.com    github.com/marcelduran

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## Work Experience

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- **Google Inc.**

*Nov 2013 - Present*

- **Web Performance Engineer @ Search**

*Jul 2020 - Present*

- Desktop Search latency matters.

- **Web Performance Engineer @ Ads**

*Jan 2018 - Jun 2020 (2 years 6 months)*

- Responsible for AdWords web desktop client latency, including instrumentation, analysis, and optimization experiments.

- **Web Performance Engineer @ YouTube**

*Nov 2013 - Jan 2018 (4 year 2 months)*

- Instrumented YouTube web desktop client for web performance analysis.
- Added several performance metrics to YouTube lifecycle as well as increased accuracy of key metrics and log volumes.
- Automated the process of detecting regression and alerting engineers before pushing to production.
- Worked with w3c web perf group to get bytes related information onto resource timing API.

- **Twitter Inc.**

*May 2012 - Oct 2013 (1 year 6 months)*

- **Web Performance Engineer**

*May 2012 - Oct 2013 (1 year 6 months)*

- Open sourced WebPageTest API CLI/Node.JS wrapper.
- Analyzed, proposed and implemented several web performance optimizations for Twitter web desktop.
- Proposed, led and won the Twitter hackweek project: Twisitor

- **YSlow Open Source Project**

*May 2012 - Present*

- Core project maintainer.

- **Yahoo! Inc.**

*Sep 2008 - Apr 2012 (3 years 8 months)*

- **Front End Lead @ Exceptional Performance Team**

*Nov 2010 - Apr 2012 (1 year 5 months)*

- Led YSlow development for several platforms and open source it.
- Evangelized web performance optimization across Yahoo! and beyond.

- **Front End Engineer @ Search Team**

*Oct 2009 - Nov 2010 (1 year 2 months)*

- Web development of Yahoo! Search features for international markets.
- Analyzed, proposed and implemented several web performance optimizations.

- **Front End Engineer @ Frontpage Team**

*Sep 2008 - Oct 2009 (1 year 2 months)*

- Web development of core features for yahoo.com portals for Latin America.
- Responsible for web performance optimization projects.

## Education

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- B.S., Computer Science, Universidade Presbiteriana Mackenzie, 2007.

## Publications

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- O'Reilly Using WebPageTest, Web Performance Testing for Novices and Power Users, Oct 2015
- O'Reilly Web Performance Daybook - Volume Two, Jun 2012
- Performance Calendar, Dec 2010,2011,2012
- YUI Blog - Next Gen YSlow powered by YUI, Jul 2011

## Conferences

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- Uber Destination:Web, Sep 2018
- BrazilJS Conf 2013, Aug 2013
- O'Reilly Velocity Conference 2013, Jun 2013
- O'Reilly Velocity China 2012, Dec 2012
- HighLoad++ Moscow 2012, Oct 2012
- San Francisco & Silicon Valley Web Performance Meetup, Aug 2012
- O'Reilly Velocity Conference 2012, Jun 2012
- O'Reilly Velocity Conference 2011, Jun 2011
- Yahoo! Front End Summit '11, Mar 2011
- O'Reilly Velocity Online Conference 2011, Mar 2011

## Side Projects

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- WebPageTest-API Wrapper
- YSlow
- BrowserDiet