

Marcel Duran

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updated May 2020

Work Experience

- **Google Inc.**

Nov 2013 - Present

- **Web Performance Engineer @ Ads**

Jan 2018 - Present

- 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

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

Publications

- 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

- 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

- WebPageTest-API Wrapper
- YSlow
- BrowserDiet