Daniel Martí

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github.com/mvdan

Experience

Dec 2017 / present — **Senior Systems Engineer**, *Brankas*, Singapore, SG (remote).
- Leading backend development in Go with a focus on stability and scalability
- Managing self-hosted CI/CD, Kubernetes, integration tests, and monitoring

Jan 2017 / Dec 2017 — **Software Engineer**, *Tyk*, London, UK.
- Working on the leading open source API Gateway written in Go

Sep 2016 / Dec 2016 — **EF7 cohort member**, *Entrepreneur First*, London, UK.
- Europe's top accelerator selecting 100 engineers among over 3000 candidates

Feb 2016 / Jul 2016 — **Research Associate**, *Newcastle University*, Newcastle, UK.
- Worked on concurrent circuits and graph theory research under prof Andrey Mokhov

Jun 2015 / Sep 2015 — **Software Engineering Intern**, *Google*, Mountain View, CA.
- Worked on Kubernetes, the open source container cluster manager written in Go

May 2014 / Oct 2014 — **GSoC Developer**, *Tor Project*.
- Reduced Tor's network load by coding a near-linear time diff algorithm for consensuses

Feb 2013 / Sep 2016 — **Core Developer**, *F-Droid Project*.
- Widely known open source app distribution system with over 80k regular users

2013 - 2014 — **Research Associate**, *UPC BarcelonaTech*, Barcelona.

mid 2013 — **Technical Intern**, *Free Software Foundation Europe*, Berlin.

Education

2012 - 2016 — **B.S. Computer Engineering**, *UPC BarcelonaTech*, Barcelona.
Specializing in Computing (Theory of Computation, Algorithms, Compilers, Artificial Intelligence)

Side projects

Go — Contributed a number of patches and issues

sh — A shell parser, formatter and interpreter in Go

gofumpt — A stricter gofmt

gogrep — Search for Go code using syntax trees

unparam — Find unused function parameters in Go code

Programming languages

Comfortable — Go, Shell, Python

Familiar — Java, C, C++, Lua, Haskell, JavaScript

Tools

Go — Familiar with tests, benchmarks, pprof, the race detector, and fuzzing

Git — Experienced with branches, rebasing, conflicts, release workflow, etc

Linux — Using Linux since 2010, also hosting my own e-mail since 2012

Containers — Familiar with Docker and Kubernetes, Certified Kubernetes Admin since 2019

Skills

Teamwork — Written software as part of distributed teams (Brankas, Tyk, Kubernetes, Tor, F-Droid)

Languages — Native in Catalan and Spanish, proficient in English, limited in French

Community — Started HackUPC and GoSheffield, given dozens of meetup and conference talks