Daniel Martí

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github.com/mvdan

Experience

Jan 2017 present	**Go 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 • Learned valuable skills in customer development and rapid iteration
Feb 2016 Jul 2016	**Research Associate**, *Newcastle University*, Newcastle, UK. • Worked on concurrent circuits and graph theory research under prof Andrey Mokhov • Developed my bachelor thesis - *Concurrency primitives in Haskell*
Jun 2015 Sep 2015	**Software Engineering Intern**, *Google*, Mountain View, CA. • Worked on Kubernetes, the open source container cluster manager written in Go • Introduced cluster usage metrics having scalability and the scheduler in mind
May 2014 Oct 2014	**GSoC Developer**, *Tor Project*. • Reduced Tor's network load by coding a near-linear time diff algorithm for consensuses • Wrote C code with an emphasis on security and simplicity with unit tests and benchmarks
Feb 2013 Sep 2016	**Core Developer**, *F-Droid Project*. • Widely known open source app distribution system with over 80k regular users
Feb 2013 Nov 2014	**Research Associate**, *UPC BarcelonaTech*, Barcelona. • Modified OpenWRT for a research mesh network and developed web applications
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

2017-	goreduce - Reduce Go programs
2017-	unparam - A Go linter that reports unused function parameters
2016-	Golang - Contributing a number of patches and issues
2016-	sh - A shell parser, formatter and interpreter in Go
2015-	interfacer - A Go linter that suggests interface types

Programming languages

Comfortable	Go, C, Python, Shell
Familiar	Haskell, Java, C++, Lua

Tools

Git	Experienced with branches, rebasing, conflicts, release workflow, etc
Linux	Used Linux since 2010, going from Ubuntu to Debian and Arch
Go tooling	Familiar with tests, benchmarks, pprof, the race detector, and fuzzing
Docker	Familiar with basic usage and Dockerfiles

Skills

Systems	Been hosting my own e-mail, web and messaging services since 2012
Teamwork	Written software as part of distributed teams (Tyk, Kubernetes, Tor, F-Droid)
Languages	Native in Catalan and Spanish, proficient in English, limited in French