

Daniel Martí

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github.com/mvdan

Experience

- Dec 2017 **Senior Systems Engineer**, *Brankas*, Jakarta, ID (remote).
present
 - Leading backend development in Go with a focus on stability and scalability
 - Managing self-hosted CI, CD on Kubernetes, integration tests, and monitoring
- Jan 2017 **Software Engineer**, *Tyk*, London, UK.
Dec 2017
 - Working on the leading open source API Gateway written in Go
- Sep 2016 **EF7 cohort member**, *Entrepreneur First*, London, UK.
Dec 2016
 - Europe's top accelerator selecting 100 engineers among over 3000 candidates
 - Learned valuable skills in customer development and rapid iteration
- Feb 2016 **Research Associate**, *Newcastle University*, Newcastle, UK.
Jul 2016
 - Worked on concurrent circuits and graph theory research under prof Andrey Mokhov
 - Developed my bachelor thesis - *Concurrency primitives in Haskell*
- Jun 2015 **Software Engineering Intern**, *Google*, Mountain View, CA.
Sep 2015
 - Worked on Kubernetes, the open source container cluster manager written in Go
- May 2014 **GSoC Developer**, *Tor Project*.
Oct 2014
 - Reduced Tor's network load by coding a near-linear time diff algorithm for consensus
- Feb 2013 **Core Developer**, *F-Droid Project*.
Sep 2016
 - 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

- Golang* Contributing a number of [patches](#) and [issues](#)
- gogrep* Search for Go code using syntax trees
- sh* A shell parser, formatter and interpreter in Go
- unparam* A Go linter that reports unused function parameters
- goreduce* Reduce Go programs

Programming languages

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

Tools

- Go tooling 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

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