

Experience

- Aug 2020 - present **Software Engineer**, [Protocol Labs](#), San Francisco (remote).
 - Working on [IPLD](#) and overall Go language support
- Dec 2017 - Aug 2020 **Systems Engineer**, [Brankas](#), Singapore (remote).
 - Leading backend development in Go with a focus on stability and scalability
 - Maintaining and evolving [chromedp](#), to drive Chrome browsers with pure Go
- 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
- mid 2015 **Software Engineering Intern**, [Google](#), Mountain View, CA.
- mid 2014 **GSoC Developer**, [Tor Project](#).
- 2013 - 2016 **Core Developer**, [F-Droid Project](#).
- 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
- [garble](#) Obfuscate Go builds
- [unparam](#) Find unused function parameters in Go code
- [gogrep](#) Search for Go code using syntax trees

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; 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](#), and given dozens of meetup and conference talks