

## Experience

- Apr 2022 **Maintainer**, [cuelang.org](https://cuelang.org), Remote  
present - Engineering, developer UX, and tooling to help the CUE project succeed
- Aug 2020 **Software Engineer**, [Protocol Labs](https://protocol.labs), San Francisco (remote)  
Apr 2022 - Working on [IPLD](https://ipld.io) and overall Go language support
- Dec 2017 **Systems Engineer**, [Brankas](https://brankas.com), Singapore (remote)  
Aug 2020 - Leading backend development in Go with a focus on stability and scalability  
- Maintaining and evolving [chromedp](https://chromedp.dev), to drive Chrome browsers with pure Go
- Jan 2017 **Software Engineer**, [Tyk](https://tyk.io), London, UK  
Dec 2017 - Working on the leading open source API Gateway, written in Go
- Sep 2016 **EF7 cohort member**, [Entrepreneur First](https://entrepreneurfirst.com), London, UK  
Dec 2016 - Europe's top accelerator selecting 100 engineers among over 3000 candidates
- early 2016 **Research Associate**, [Newcastle University](https://newcastle.ac.uk), Newcastle, UK  
mid 2015 **Software Engineering Intern**, [Google](https://google.com), Mountain View, CA  
mid 2014 **GSoC Developer**, [Tor Project](https://torproject.org)
- 2013 - 2016 **Core Developer**, [F-Droid Project](https://f-droid.org)
- 2013 - 2014 **Research Associate**, [UPC BarcelonaTech](https://upc.edu), Barcelona  
mid 2013 **Technical Intern**, [Free Software Foundation Europe](https://free-software-foundation.org), Berlin

## Education

- 2012 - 2016 **B.S. Computer Engineering**, [UPC BarcelonaTech](https://upc.edu), Barcelona  
Specializing in Computing (Theory of Computation, Algorithms, Compilers, Artificial Intelligence)

## Side projects

- [Go](https://github.com/mvdan/go) Contributed a number of [patches](#) and [issues](#)
- [garble](https://github.com/mvdan/garble) Obfuscate Go builds
- [sh and shfmt](https://github.com/mvdan/sh) A shell parser, formatter, and interpreter in Go
- [gofumpt](https://github.com/mvdan/gofumpt) A stricter gofmt
- [unparam](https://github.com/mvdan/unparam) Find unused function parameters in Go code

## Programming languages

- Comfortable Go, Shell, Python  
Familiar Java, C, C++, Lua, 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; hosted my own e-mail 2012-2020
- Containers Familiar with Docker and Kubernetes; Certified Kubernetes Admin since 2019

## Skills

- Teamwork Written software as part of many distributed and remote teams
- Languages Native in Catalan and Spanish, proficient in English, limited in French
- Community Started [HackUPC](https://hackupc.com) and [GoSheffield](https://goshellfield.com), and given dozens of meetup and conference talks