

Highlights Erik Unger

Some highlights from my career, you'll find all details online at <http://ungerik.net/en/resume/>

- Graphics Engine for a military Google Earth like project, now used for mission planing and in the cockpit map display of the Eurofighter Typhoon jet fighter (C++, OpenGL)
- Application for simulated driving on race tracks for realtime testing of car engines on test beds
- Worked for two game studios. C++ game engine development and performance optimizations for PC, Xbox, Playstation, Wii
- Developed the first high level web framework (like Django or Rails) for Go
- Scaled chat server infrastructure for Reuters financial information system to 100k concurrent chats
- Scaled a realtime bidding infrastructure for Google ads to millions of bids per hour, billions per month
- Won two prices for mobile app prototypes from the European Space Agency (iOS, OpenGL ES)
- Got into Embedded Linux with C and Go, created a consumer HW prototype, building own drone designs
- Full Stack and Polyglot: Go, Dart, JS, Python, C, C++, C#, Objective-C, Java, PHP, Delphi, Shading Languages, x86-Assembler

Here is a list of my open source Go packages:

- <https://github.com/ungerik/go-start> A high level web-framework for Go
- <https://github.com/ungerik/go3d> A performance oriented 2D/3D math package for Go
- <https://github.com/ungerik/go-rest> A small and evil REST framework for Go
- <https://github.com/ungerik/go-cairo> Go binding for the cairo graphics library
- <https://github.com/ungerik/go-dry> DRY (don't repeat yourself) package for Go
- <https://github.com/ungerik/pkgreflect> A Go preprocessor for package scoped reflection
- <https://github.com/ungerik/go-gravatar> Go wrapper for the Gravatar API
- <https://github.com/ungerik/go-amiando> Go library for the Amiando event API
- <https://github.com/ungerik/go-mail> Email utilities for Go
- <https://github.com/ungerik/go-rss> Simple RSS parser for Go
- <https://github.com/SpaceLeap/go-embedded> Go package for embedded Linux development
- <https://github.com/SpaceLeap/go-beaglebone> Go package for the BeagleBone open source hardware