



ÉVERTON M. VIEIRA

DYNAMIC SYSTEMS ENGINEER

ΕΠΙΜΕΛΗΣ ΦΙΛΟΣΟΦΟΣ

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Profile

I'm a Dynamic Systems Engineer with a Philosophic Structured Illustration. Thus, I love to develop algorithms and data structures in the most diverse languages, from C to Web, and, likewise, I love to analyze the most diverse subjects, from concrete matters to abstract orientation. My interests are in the fields of informatics and information, technology and epistemology, intelligence and wisdom.

Skilled On

Project Treatment

Proven ability to treat concrete and abstract problems of advanced engineer projects and lead a manifold of intellectual efforts on teams or on independent contexts in order for fulfillment.

Front-end

Proven ability to treat a wide variety of interactive resources to fulfill a manifold of interface requirements through the paradigm of user experience with continuous feedback analysis.

Back-end

Proven ability to treat a wide variety of information resources to fulfill a manifold of intelligence requirements through a rigorous and in-depth analysis of the dynamic systems involved.

Treating

Agile / Collaborative Management	Communication / Graphical Design	Data & Algorithms / Problem Solving
Patterns / Domain-Driven Design	Social Data / Statistical Analysis	Big Data Blockchain A. Intelligence
Data & Type-Emerging Handcrafted	Digital Marketing / Social Media	Docker / Kubernetes Hadoop Spark
Literate / Test-Driven Development	Web Sites / Hot Sites Web Apps	MSSQL Oracle IBM Redis HBase
Object Oriented / Functional Style	Responsive UI & UX Applications	MySQL Postgre Cassandra Couch
Modeling / Extreme Programming	On Desktop / Mobile / Embedded	SQLite Firebird Java DBs Mongo
Refactoring / Clean Maintenance	Unity Qt - Quick, Widgets, Base	Camel Kafka Alpakka / Akka Elixir
Continuous Develop & Integration	Angular Dart / Flutter GoLang	Java / Groovy Kotlin Scala Clojure
Evolutionary Systems / Platforms	Vue.js React.js / Native Next.js	PHP Objective-C Swift Rust Julia
Edge Computing Cloud Services	TypeScript Node & WebSDK Elm	Perl C# / F# Python Ruby OCaml
AWS Heroku Azure Google	SSG / HTML Sass / CSS JavaScript	Lua C / C++ Delphi / Pascal ELisp

The Treating section are the subjects I try keep the march with it. Are the subjects I believe are important for a information engineer to know about in the present day. They are linked on my site to pages on what I'm developing information panels with the use of automatized crawler and assisted artificial intelligence on the intent to develop a solution to help us to be always good informed on this matters. But, of course, my present level of knowledge in each of this topics varies a lot. But again, to manage an clear understanding of our actual engineer perspectives is very important to keep this panel updated.

Experience

Pointel (Chief Technology Officer)

Today, I'm responsible to set up, develop and maintain the whole stack on Pointel. Mostly in Typescript with Java and Rust on the back-end. Here, on the Pointel, we have two mid size clients that uses our solutions as their main business intelligence and operation software. To develop the Pointel stack was a big challenge to me. It defy my self professional perspectives and skills. In order to succeed I had to evolve the very core of my engineer talents. It was truly an amazing period of my life. But since this stack is now well established and I believe the most important lessons were learned, maybe is time to seek for new endeavors.

IFSC (Administrative Technician in Education)

The IFSC deserves a chapter, but let's settle on a description. The Federal Institute of Santa Catarina is a school and a university of excellence. The professional I meet and worked with it were of the higher kind. We develop solutions on the administrative and education environments. Working on the education department in many occasions I was asked upon to perform and deliver tasks typical of a data scientist. So, I've created innumerable algorithms and data structures to extract, transform and load information. Mostly in Python, but in Ruby also. Developing these solutions helped the institution, at least I like to believe, to maintain on the pace with it's high level of excellence.

CiaPorte (Senior Software Engineer)

The CiaPorte was the first high level engineer job I had. There I helped to develop information resources and user interfaces on three main areas: administrative, educational and juridical. It was a place were I could develop with creativity the requirements we got from the clients. The team was well integrated and the leadership was stimulating. It were good times. My main recollection from this time is the system design made by the main engineer. It was an abstract register system composed with client by client derivation, all made on Delphi. I could not believe on the time it were possible to express this kind of intelligence in kind a antiquate language.

Education

Udesc (Computer Science)

So much I loved the Udesc. There, I learned a lot of what today gives me a solid foundation in computation. However, I did not complete this graduation because I chose to take a job opportunity. Some of the subjects I like to mention that I learned there: Differential and Integral Calculus, Linear Algebra, Statistics, Algorithms and Data Structures, Formal Languages and Machines, Programming Language I (C) and II (Java) and III (Haskell), General Systems Theory, Systems Analysis. As for these last two subjects, I need to mention professor Claudiomir Selner, who, due to the various references presented and by his own, I keep to this day his guidance with esteem and respect.

Unisul (Technology Management)

In the Unisul I finished and graduated on. Since the course was on-line it was much easier to reconcile with the work I always keep up. From the Unisul course I like to remember the administrative lessons on multiple technical matters. It was a good starting point with project management, entrepreneurship, and professional care of technical organizations. Since I was already mostly graduated on the Udesc, and have been working on the fields for many years, the technical matters were a breeze. Actually the sensation I recall from that times is the good feeling of having your technical skill validate and certificate by a valued professional.

Udemy (Broad Curriculum)

The Udemy is a amazing platform and I like to keep track of what's on. I've made so many courses there that I don't even like to think of how much money I've already spent there. Of course, there always a promotion to help us addicted to knowledge, but still, it is a lot. Almost every topic I listed on the Treating section I have bought a course and spent some hours on it. In the future I can clearly seen my self giving some courses there. The best way to more profoundly learn is to teach.
