André VIDELA

FUNCTIONAL PROGRAMMER / ASPIRING TYPE THEORIST

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Switzerland | 20 August 1991
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BIO

Fascinated by programming languages, I seek excellence, correctness and beauty in code. Currently I work a lot in Idris trying to build real-world software out of provable programs. My deepest interests lie in type systems and programming language theory and design.

WORK EXPERIENCE

APR. 2018	Backend Developper at Bity SA (Neuchatel)	
DEC. 2018	Developed services to provide a common API to interact with cryptocurrency nodes. Lead the architectural effort to enable easy extension using the Haskell type system and provided strong guarantees about the business logic through thorough testing and type information.	Haskell
OCT. 2017 - JAN. 2018	Mobile Developper at Krown SA (Geneva) Developed and maintained iOS app for business customers	Swift, Rx
OCT 2016 - JUNE. 2017	Software Engineer at Sicpa, Lausanne Designed, developed and maintained internal and public APIs and libraries for iOS. Developed and maintained small and medium scale iOS apps using agile Scrum.	Swift, Obj-C

EDUCATION

2017 - 2019	Licence in Computer Science at Unidistance
July 2017	EUTypes summer school Coq, Agda, HoTT, λ-calculus
May 2017	Introduction to Logic by Stanford University on Coursera. statement of accomplishment
2012 - 2016	Attended Bachelor in Computer Science at EPFL, Lausanne (Collected 131 credits)
2007 - 2012	Maturité Gymnasiale (physique et application des math)

(PROGRAMMING) LANGUAGES

Mastery	Swift, Java	FRENCH	Mothertongue
Excellent	Scala, JS, Obj-C, Haskell	ENGLISH	Fluent
Intermediate	Idris, Clojure, C++, C, C#	SPANISH	Good speaker
Beginner	Coq, Rust, Agda	JAPANESE	Basic knowledge

INTERESTS AND ACTIVITIES

- MEETUP Organiser of the *Software verification meetup* in Lausanne since 2017.

- VIDEO GAMES continuously teach me new ways of interacting within a team, handling hard situations and keeping the right mindset in highly competitive settings. I also keep a monthly "video game playing club" with a small group where we discuss the narrative value of interactive experiences.

- MATH keeps me engaged in the latest developments in programming language research and theory. It allows me to find elegant and correct solutions to hard problems daily.

- SPORTS allow me to stay healthy many ways. I practice all sorts of individual trainings like running, fitness exercises and swimming. I also played badminton with the team at Sicpa SA.