# Curriculum Vitae

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## Professional experiences

**2020 - Today** — GALADRIM. Full-Stack Developer.
Technical mentor and developer constructing modern websites and mobile applications : Posos, Clarins Unlimited, Typology Paris, Directskills.
▷ *Typescript.* ▷ *React.js.* ▷ *React Native.* ▷ *Next.js.* ▷ *Prisma.* ▷ *tRPC.* ▷ *AWS.* ▷ *Vercel.* ▷ *Material UI.* ▷ *TailwindCSS.* ▷ *GraphQL.* ▷ *CI/CD.* ▷ *Auth.js.* ▷ *MobX.*

**2019 - 2025** (6 years) — III FINANCEMENTS. Innovation Finance Consultant.
Freelance Consultant for *III Financements* (Paris) : writing technical documents for start-ups and SMEs in the context of fundraising applications to *Bpifrance.*

**2019** (6 months) — VIVERIS. Design of the OpenSAND configuration module.
Realization of a configuration module in C++, design of a self-generated HMI via the configuration in React.JS, back-end in Python communicating with C++. Rebuild the internal metamodel of data to be generic. Management of a machine bench within a satellite network emulator. Writing tests and docs.
▷ *Software architecture.* ▷ *Typescript.* ▷ *React.JS.* ▷ *Python.* ▷ *C++.* ▷ *DevOps.*

**2018** (2 months) — IRIT-ENSEEIHT. Mdeling and code generation tools on the web.
Realization of a state of the art, conception of an architecture allowing to integrate the modeling tools Xtext, OCL, Acceleo and Sirius on the web.
▷ *Software architecture.* ▷ *State of the art realization.* ▷ *Web development.*

**2017** (4 months) — IRIT-UPS. Improving architecture of a 3D engine used for research and teaching in Master.
Evolution of an OpenGL abstraction of the Radium Engine to a complete abstraction allowing to have an extensible, strong typed and object-oriented API.
▷ *Software architecture.* ▷ *Image analysis.* ▷ *C++ programming.* ▷ *OpenGL.*

## Formation

**2017-2019** (2 years) — Master's degree (INPT-ENSEEIHT), with honors.
Computer Science and Applied Mathematics.
▷ *Cloud and Big Data.* ▷ *Continuous integration.* ▷ *Software development.* ▷ *Computer forensics.* ▷ *Distributed computing.* ▷ *Computer networks.* ▷ *Logic and proof.*

**2014-2017** (3 years) — Bachelor's degree (Paul Sabatier University), with honors.
Specialization in Computer Science. Ranking : 2/129.
▷ *System programming.* ▷ *Object-oriented design and programming.* ▷ *Functional programming.* ▷ *Automata theory.* ▷ *Databases.* ▷ *Artificial intelligence.* ▷ *Parallel programming.*

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|---|---|
| French | Mother tongue |
| English | Full professional proficiency \| TOEIC 2018 : 920/990 |
| Japanese | Beginner \| JLPT N4 |
| Personal projects | Kanjisho (www.kanjisho.com) \| Francheers (www.francheers.com) |