Curriculum Vitae

Matthieu LOCUSSOL

Born : July 26, 1996
Nationality : French

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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.*

French	Mother tongue
English	Full professional proficiency | TOEIC 2018 : 920/990
Japanese	Beginner | JLPT N4

Personal projects	Kanjisho (www.kanjisho.com) | Frencheers (www.frencheers.com)