

Curriculum Vitae

Matthieu LOCUSSOL

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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 - Today

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-ENSEEIH. MODELING 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-ENSEEIH), 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

Personal projects

Kanjisho (www.kanjisho.com) | Taktix MMO (taktix.vercel.app)