

Curriculum Vitae

Matthieu LOCUSSOL

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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*. ▷ *Cyber security*.
▷ *Parallel programming*.

Professional experiences

- Today** GALADRIM. FULL-STACK DEVELOPER.
Technical mentor and developer constructing modern websites and mobile applications : Posos, Roadz, Clarins Unlimited, Typology Paris, Directskills.
▷ *Typescript*. ▷ *React.js*. ▷ *React Native*. ▷ *Next.js*. ▷ *NestJS*. ▷ *AWS*.
- 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 mois) 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. PORTING 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 incomplete OpenGL abstraction of the Radium Engine to a more complete abstraction allowing to have a more easily extensible, strong typed and object-oriented API.
▷ *Software architecture*. ▷ *Image analysis*. ▷ *C++ programming*. ▷ *OpenGL*.
- French Mother tongue
English Full professional proficiency, TOEIC 2018 : 920/990