



Enzo CRANCE

Information Technology Student

INFO

Birth date 25 January 1998 (21 years old)

Nationality French

Practiced spoken languages
English (TOEIC 880), German (A2)

Spoken languages studied during education
Spanish (7 years until French Baccalaureat)
Chinese basics (2 years after French Baccalaureat)

MAIN QUALITIES



CONTACT

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Mail  enzo.crance@insa-rennes.fr

GitHub  cloudyhug

POINTS OF INTEREST

Sports Bike, swimming

Organisations InsaLan
(LAN party at school, 4 years
in the Network Management Team)

Travel The United Kingdom, Spain, Italy,
Morocco, Greece, The Netherlands,
Ireland

Interested in video games and music
Personal information technology projects



PROFILE

As a student in 5th year at INSA Rennes, I have acquired various technical skills in information technology thanks to all the courses I have followed, in the common basis (compilers, systems & networks, hardware & software architecture, ...), within the Large Scale Systems specialisation curriculum (performance evaluation, parallel & distributed computing), as well as in the various optional courses (AI, mobile programming). My favourite fields are **compilers, high performance computing, systems programming, and networks**. I have discovered numerous programming languages. The ones I have been able to apply in internships, and which I best know how to handle, are **OCaml** and **Java/Scala**, but I also have a good level in **C/C++**. Besides, I have occasionally used Ruby, Python, Haskell, and Clojure. I have always liked **basic science** and **theoretical computer science**, and I am following a research Master's degree in partnership with IRISA, in order to improve my skills in compilation, adding a strong security and low level flavour.



TECHNICAL SKILLS

C / C++



Java / Scala (back-end programming)



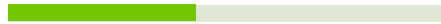
OCaml



Parallel & distributed computing (MPI)



Systems & networks programming



Scripting languages



PROFESSIONAL EXPERIENCE

BinckBank, Amsterdam, The Netherlands

Engineering internship (2 months)

Rating of software quality assurance methods

Back-end programming tasks in Java, technical documentation writing

(**Tutor** : Martijn Krull, MKrull@binck.nl)

Inria (National IT & Mathematics Research Centre), Rennes, France

Engineering internship (2 months)

Development of a new generator for the OCaml Weekly News

Development of an interpreter generator inside a research project

Acquisition of theoretical foundations for functional programming (λ -calculus)

Application of advanced features of the OCaml language

(**Tutor** : Alan Schmitt, alan.schmitt@inria.fr)

Société Générale (Bank), Saint-Malo, France

Seasonal work (1 month)

Interaction with customers, cheques and money transfer management, sorting the agency's archives

ASICA SAS (Electronics factory), Saint-Malo, France

Worker internship (1 month)

Test of electronic cards, integration

(**Tutor** : Laurent Arlet, laurent.arlet@asica.fr)

Campanile Hotel, Dartford, UK

Seasonal work (1 month)

Waiter in the restaurant (breakfast, lunch, and dinner)

Administration, accounting and financial tasks



EDUCATION

Engineering cycle at Information Technology Department (3rd & 4th year)

INSA Rennes Engineering School

Programming paradigms (imperative, functional, logic) in various languages

DevOps tasks : performance evaluation, load balancing, application deployment, containers

Theory of information technology (graph theory, complexity theory, ...)

Software architecture and backend development (UML, Java, JPA, Jersey)

Systems programming (synchronisation, signals, sockets, client-server architecture)

Parallel and distributed programming (pthreads, OpenMP, MPI, Java RMI, Apache Storm)

General Engineering courses (1st & 2nd year)

INSA Rennes Engineering School

Mathematics, physics, chemistry, industrial science

French Baccalaureat in Science, major in Mathematics, with highest honour, European certification

"Institution" High School, Saint-Malo

Latin courses and European curriculum (advanced English and History in English language courses)