



Software Engineer Student

THOMAS HAREAU

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23 years old (05-02-1994) - Driving license

<https://thomas.hareau.eu>

Education

INSA Rennes (France) 2013-2017

Software Engineer Program

Software development courses: OOP, Data structure, Design pattern, Software modeling

Theoretical computer science courses: Graph theory, Algorithm, Compiler

Hardware courses: Assembly language (x86), System architecture

Social sciences: IP law, Economics and Management

TU Dresden (Germany) 2016-2017

IT Research and Development Program

Software technology courses: Software architecture, Component based system engineering

Internet and web application courses: Web protocols

Research thesis: Shared locked analysis (under the supervision of Dr-Ing Tietze)

Professional experiences

Internship at Push Creative Ventures (Berlin, Germany - From October 2017 to February 2018): Frontend development using React and React Native. Backend development using NodeJs, Express, SocketIO and MongoDB.

Seasonal worker at MMA Assurances (Le Mans, France - from June to August 2015): claim management (communication with clients, liability determination)

Volunteer at the French Paralyzed Association - APF Group (August 2012): Organization of a two weeks stay for 8 disabled people

Internship at NetUSE AG (Kiel, Germany - 2013): Discovery of the framework Symfony2 and creation of a web application to help project management

Children's leader (diverse locations, summers 2010, 2011, 2012 and 2016): Creation and carrying out of activities for children

Academic projects

Kompose evaluation (summer 2017): Analysis of the project Kompose (Kubernetes, Docker Swarm, bash)

Minor Thesis (2016-2017): Creation of a testing infrastructure for DTN software (Python/Java/C, under the supervision of Dr-Ing Feldmann)

OOP and Design Pattern Project (2015): Practical application of OOP and design pattern courses for the creation of a game (C#/C++/UML, INSA project)

Website creation (4th Year Project - 2015): Creation of the website *getawayfrom* to manage outgoing student mobility (Symfony2, under the supervision of Sr. Lecturer Raymond and Associate Prof. Parlavantzas)

Website creation (3th Year Project - 2014): Creation of the website *colloquium* to manage conferences (Ruby/Sinatra, under the supervision of Prof. Dupuy)

Professional competences

Web services development: Good proficiency (Python, Ruby)

Website development: Good proficiency (Python, Ruby, PHP, Java, JS, HTML, CSS)

Architecture and Modeling: Good proficiency (UML, LaTeX)

Software development: Average proficiency (Java, C++, C#)

Languages: French (native), English (B2-C1), German (B2)

Diverse: Pedagogue, persistent, calm temperament

Hobbies

Sport: inline skating, fencing, ice hockey, ice skating

Algorithm competition: CodeInsa (final 2016, qualified to final 2017, BattleDev - best rank: 187/2306)

Associative life: Member of the INSA Poker Club

Other: Reading, Music