Software Engineer Student
# THOMAS HAREAU

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

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## 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