

# HOUEKPETODJI HONORÉ

Software Analysis  
Software Quality  
Software development

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France

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mahugnon

## EXPERIENCE

PhD. Software engineering

SA-CIM/RMod INRIA

Mars 2019 – Jun 2022

Villeneuve-d'ascq, France

- Research paper writing
  - latex, Visual Studio Code
- Powerbuilder parser maintenance (2019 – 2021)
  - Smalltalk Pharo Moose
  - Link
- Implementation of a legacy system visualization and analysis tool (2019 – 2020)
  - Smalltalk Pharo Moose
  - Link
- Installation and monitoring a version control system (2019 – 2020)
  - SVN, batch
- Implement and deploy a dashboard of tickets (2019-2020)
  - Smalltalk Seaside, Java Spring Data Rest (IntelliJ IDE)
  - Link
- Implement a smoke test generation tool for Powerbuilder projet (2020-2021)
  - Smalltalk Pharo Moose
  - Link
- Implement and deploy a programming rules violations detector for Powerbuilder application (2020-2021)
  - Smalltalk Pharo Moose
- Configure a continuous integration server for unit report for Powerbuilder application (2020-2021)
  - Smalltalk Pharo, Jenkins, window batch, Powerbuilder, Postgresql
- Implement an Ethereum smart contract
  - Remix, Vscodex, solidity, brownie, Ganache, Ethereum Runkeby testnet, pytest
  - Link

Software development internship

UMR MoSAR INRA

April 2018 – September 2018

Paris, France

- Implement Dairy Cows Metabolism Simulator
  - Collect equations (dynamic models) of metabolic reactions in dairy cows
- C++ (Visual Studio 2007)

Software development internship

Educanet

July 2017 – September 2017

Sousse, Tunisie

## SKILLS

OOP

Méta-modélisation

Analyse logicielle

TDD

JUnit

Methodologie Agile

Jenkins

Travis

Git

Smalltalk Pharo

Seaside

Java EE: Spring

web service rest

Apache kafka

Hibernate

Marven

JavaFx

Docker

Blockchain

Solidity

Javascript

CSS

Bootstrap

Angular

MySQL

Postgresql

Basic MongoDB

Linux batch

Python

Supervised learning

Basic C++

Flutter

## TOOLS

IntelliJ IDEA

Eclipse

VScode

Pharo

Git

Terminal

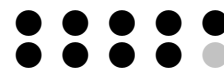
## CERTIFICATION

ETS TOEFL ITP

## LANGUAGES

French

English



## SUCCESS



2013 Tunisia Scholarship for Benin students

## STUDIES

Research master degree in computer science: Intelligent pervasif systems  
University of Sousse(ISSATso)

- Implement a production monitoring web application for a cable manufacturing system
  - Bootstrap, JavaScript, Java EE spring web mvc (Eclipse), MySQL

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## Software development internship

### Municipality of Gabès

📅 February 2016 – April 2016      📍 Gabès, Tunisie

- Implementation of a debt monitoring system in the municipality of Gabès
  - Java EE JSF (Primefaces), MySQL

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## PAPER SUBMISSIONS

### References

- Houekpetodji, Mahugnon Honoré et al. (2021). "Report From The Trenches A Case Study In Modernizing Software Development Practices". In: *2021 IEEE International Conference on Software Maintenance and Evolution (ICSME)*, pp. 515–524.
- Anquetil, Nicolas et al. (2020). "Modular Moose: A New Generation of Software Reverse Engineering Platform". In: *International Conference on Software and Software Reuse*. Springer, pp. 119–134.
- Honore, HOUKPEODJI et al. (2020). "Improving practices in a medium french company: First step". In: *RIMEL: Journée de travail Rimel / Lignes de produit / Sécurité*. Paris, France.

📅 September 2016 – October 2018

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## Bachelor degree in computer science

### University of Gabès (FSG)

📅 Septembre 2013 – Juin 2016

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## First year of Bachelor degree in Mathematics and Physics

### University of Abomey Calavi (FAST), Benin

📅 Septembre 2012 – Juin 2013

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## PERSONNAL QUALITIES

Respectful

Determined

Dynamic

Autonomous

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## RÉFÉRENCES

### Dr. Nicolas Anquetil

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### Dr. Stéphane Ducasse

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