Romain Endelin

Agile Software Engineer, PhD

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in romain-endelin
RomainEndelin

*"Romain never settles for good enough, he has carried our team
forward on many topics"*

Professional Experiences

Computer Sciences

2016   **Freelancing**, Montpellier Area, FRANCE.
- Developing websites using **Ruby on Rails**, focusing on Agile methods.
- Project:
  - Surat Dunia (tr. from Indonesian: *Letters from the world*): A journalist hub for the Indonesian diaspora around the world.

2012–Mar. 2016   **PhD Thesis, on Smart-Home and Ambient Assisted Living**, *Institut Mines-Télécom — CNRS LIRMM*, Montpellier, FRANCE / SINGAPORE.
- Using the **Internet of Things** to assist elderly people in their daily life.
- Real contacts with elderly people, deployment of our system in nursing homes.
- Claiming to **"Run a research team as a startup"**, setting up an **agile methodology** and remote communication for our French-Singaporean team.

2009   **Internship in Web Development**, *Webpulser*, Lille, FRANCE.
- Using the **Ruby on Rails** framework for web development.
- In charge of experimenting **Pair Programming** and **Test-Driven Development** inside the team.

Education

2016   **teamtreehouse.com**, *Self-learning*.
Intensive learning of web development and related skills

2012–Mar. 2016   **Doctoral Degree in Computer Sciences**, *Institut Mines-Télécom — CNRS LIRMM*, Montpellier, FRANCE.
Mechanism for Optimizing the Reasoning for Activity Recognition: Application for Ambient Assisted Living for Elderly People

2009–2012   **Engineering Degree in Computer Sciences**, *ISIMA*, Clermont-Ferrand, FRANCE.
"Grande École" on Software Engineering and Applied Mathematics.
3rd year — *International Class*.

2011–2012   **Master Degree in Computer Sciences**, *Harbin Institute of Technology (*哈尔滨工业大学*)*, Harbin, CHINA.
Double diploma between ISIMA and the Harbin Institute of Technology.

Skills

Main Skills

Programming Languages	Python, Shell, **Javascript**, Ruby, Java, etc.
Backend Web Development	**Ruby on Rails**, Node.JS, **Java Spring**
Frontend Web Development	**HTML**, **CSS**, Twitter Bootstrap, MaterializeCSS, **AngularJS**, EmberJS
Agile Methods	**Extreme Programming**, Scrum, Lean, Kanban, **Test-Driven Development**
Soft Skills	**Communication** (Empathetic listening, Public speaking), **Focus** (Mindful Meditation, Pomodoros), Prioritizing (Eisenhower Matrix), Habit Making (Seinfield Chain), Productivity (Getting Things Done®), **Problem Solving** (Divide and Conquer)

Secondary Skills

DevOps	Linux System Administration, **Continuous Integration**, Paas, Ansible, Docker
Web Design, UX Design	Sketch, Invision
Data Analysis	Python Scientific Stack, Data Visualization, Machine Learning
Tools	**Pivotal Tracker**, Trello, Slack, Github, etc.
Business Management	Entrepreneurship, Freelancing, **Business Development**
Programming Environments	**Linux**, **MacOSX**, Vim, IntelliJ IDEA, Git, Dotfiles Versioning, etc.

Languages

French	**Native Speaker**
English	**Fluent** — Spoken on a daily basis
Indonesian	**Intermediate**
Spanish	**Intermediate**
Chinese	**Basic**
Arabic	**Beginner**

Extracurricular Activities

Associations

2016	**"Main dans la main"**, Organizer. Social event inside my village, promoting peace and diversity
2013–2015	**PhD Students' Council in LIRMM Laboratory**.
2010–2011	**ISIMA Sans Frontières**, Vice-President. Student NGO aiming to develop the computer infrastructure of universities in Mali.
2008–Today	**April**, *French association to support Free Software*.

Other Experiences

2016	**Teaching maths and programming to medium school student**, Montpellier Area, FRANCE.
2011	**Volunteering — Organic Farming**, *WWOOFING*, Arghakhachi, NEPAL. Living within a family of Nepalese farmers, helping to maintain the farm, learning from cultural exchanges.

2010	**Introduction to Computers**, Clermont-Ferrand, FRANCE.
	Teaching the basics of computing to an elderly woman, to fund a student NGO.

Hobbies

Travelling	Indonesia, Quebec, China, Singapore, Nepal, Eastern Europe
Reading	Technical Books (Agile Methods, Programming, Lean Startup, Business Development), Non-Fiction (Self-improvement, Communication, Psychology), Fantasy (JRR Tolkien above all!), Science-Fiction (Ray Bradbury, Isaac Asimov, Dan Simmons, Aldous Huxley. . .)
Science and History	Mathematics, Astrophysics, History, Psychology

References

References are available upon request.