

João DUARTE

PERSONAL DATA

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SUMMARY

I'm a software engineer interested in challenging problems that can be solved by the *right set of tools*. *I also enjoy programming in Ruby and leveraging Ruby for quickly developing, prototyping and bootstrapping solutions.*

WORK EXPERIENCE

2008 - PRESENT CEP Engineer at *PT Comunicações, Lisboa*

- Core developer *TODO*
- SCRUM Master

2007 - 2008 Intern developer at *PT Comunicações, Lisboa*

- Helped to develop core functionality in an IT infrastructure monitoring solution

2004 - 2005 Trainee at *INESC-ID, Lisboa*

- Exploratory work involving RFID, Bluetooth and Microsoft .NET compact framework

EDUCATION

2003 - 2007 Instituto Superior Técnico, Universidade Técnica de Lisboa, Lisboa
Bachelor of Science in SOFTWARE ENGINEERING

2007 - 2009 Instituto Superior Técnico, Universidade Técnica de Lisboa, Lisboa
Master of Science in SOFTWARE ENGINEERING

LANGUAGES AND FRAMEWORKS

Ruby / JRuby | Developed several components for an event processing stack, such as event preprocessors, input/output adapters for a correlation engine

C | Formal training in college (complex data structures and graph traversing algorithms).

PLATFORMS AND TECHNOLOGIES

CEP (Esper) | *Constructed a tiered QoS evaluation model for IT architectures
Wrote a set of alarms for detecting in real-time individual and common malfunctions of telco customers with high throughput requirements (1000 events/s)
Mentored an employee*

Linux / Unix | *Extensive use of Linux for both personal and enterprise use (distributions: RHEL, RedHat, Debian, SlackWare, SuSE, ArchLinux)*

Databases | *MySQL, MongoDB*

Web Servers | *Sinatra for small web applications and REST APIs.*

Revision Control | *Used CVS in college, SVN in both college and work, using git for the last 3 years whenever possible*

CERTIFICATES

2011 Certified SCRUM Master (CSM)

INTERESTS AND ACTIVITIES
