

# Rodrigo Lopes de Carvalho

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## SKILLS

- Extensive Linux Environment experience.
- PostgreSQL Databases experience.
- 4 years of experience in C/C++ Development.
- Bash and Python scripting experience.
- REST API Development.
- Mobile and Web development.
- Version Control ( Git/SVN ) experience.

## WORK EXPERIENCE

### **System Administrator, Eramo Software; Recife, Brazil    2014**

- Automated backup systems for production databases.
- Integrated the company's project management software *SGP* with various tools, including remote Redmine instances, Twilio and Hipchat.
- Contributed to the development of the company's newest product FaturaSimples, an automation tool for electronic billing.
- Wrote the documentation module for *SGP*.

### **Developer, Blackberry Tech Center Recife; Recife, Brazil    2013**

- Developed mobile applications for the BlackBerry 10 platform.
- Helped local developers port their Android software to the platform.

## EDUCATION

**University of Guelph, Guelph, Ontario** — Computer Science, 2014—2015,  
Exchange Student through the Science Without Borders Scholarship Program.

**Universidade Federal de Pernambuco, Recife, Brazil** — Computer Science,  
Ongoing.

## **OTHER EXPERIENCE**

### **Lead Teaching Assistant    Operating Systems Course    UFPE    2013**

- Led a team of 15 Teaching Assistants in the Operating Systems Course at Universidade Federal de Pernambuco.
- Oversaw the elaboration and implementation of the course coding projects by the TAs.

### **Teaching Assistant    Operating Systems Course    UFPE    2012    2013**

- Co-Supervised a total of 150+ students enrolled in the Operating Systems Course at Universidade Federal de Pernambuco.
- Work involved teaching coding classes, the formulation and grading of assignments and coding projects in C/C++ on the Linux platform.

### **Teaching Assistant    Introduction to Programming Course    UFPE    2011    2013**

- Co-Supervised a total of 200+ students enrolled in the Introduction to Programming Course at Universidade Federal de Pernambuco.
- Work involved teaching weekly coding classes, the formulation and grading of assignments and coding projects in C.

**REFERENCES AVAILABLE UPON REQUEST**