

DANIEL ALMEIDA

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WORK EXPERIENCE

Sensible Building Science

March 2016 - present

Lead Software Developer (part-time)

- Full-stack development of the company's main product: a solution that leverages Wi-Fi activity levels to determine occupancy within buildings, allowing building management systems to automatically adjust heating, cooling, and ventilation.
- Technical guidance and communication with stakeholders in secondary projects.

eCGlobal Solutions

September 2014 - May 2015

Software Developer

- Maintenance and evolution of web platform using PHP/CodeIgniter and PostgreSQL.
- Developed an application to integrate internal systems with external partners using Python/Django and MySQL, enabling the company to establish a new source of income.
- Implemented RESTful web services using Java/Spring.

Many Roads Studios

May 2014 - August 2014

Software Development Intern

- Designed and implemented a 360-degree feedback application using Python/Django and PostgreSQL.
- Implemented features for iOS mobile app Bye Bye Meltdown using Objective-C.

Avansys Tecnologia

December 2012 - May 2013

Software Development Intern

- Implemented features to address customer's needs under CMMI 2 using Java EE (JBoss Seam 2).

EDUCATION

University of British Columbia

2015 - 2017

M.Sc. in Computer Science

- Research Assistant (May 2016 - present): building tools to support software evolution and improve software developers' productivity. Working under the guidance of Dr. Gail Murphy.
- Teaching Assistant (September 2015 - present): Software Construction (Summer 2016); Software Engineering Project (Winter 2016); Advanced Software Engineering (Fall 2015 and Winter 2017).

University of Toronto

2013 - 2014

Exchange Student in Computer Science

- Science Without Borders scholarship sponsored by the Brazilian government (\$50,000+).

Universidade Salvador

2010 - 2014

Bachelor of Computer Science

- Undergraduate Research Assistant (Fall 2014): as a member of the Technical Debt Research Team, contributed to VisMinerTD, a tool to help developers monitor and manage Technical Debt.
- Teaching Assistant (2011 - 2012): Intro to Computer Programming and Intro to Data Structures.

TECHNICAL SKILLS

Languages

Proficient: Java, Python; Familiar with: JavaScript, PHP, C

Tools

Git, SVN, Eclipse