DANIEL ALMEIDA

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WORK EXPERIENCE

Sensible Building Science   March 2016 - present
Software Developer

· 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.

EDUCATION

University of British Columbia   2017 - 2021
PhD 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, Summer 2017); Software Engineering Project (Winter 2016); Advanced Software Engineering (Fall 2015 and Winter 2017).

University of British Columbia   2015 - 2017
MSc in Computer Science

· Thesis: Investigating software developers' understanding of open source software licensing. `https://dx.doi.org/10.14288/1.0354559`

Universidade Salvador   2010 - 2014
Bachelor of Computer Science

· Exchange Student at the University of Toronto (2013 - 2014) fully funded by the Brazilian government through the Science Without Borders scholarship ($50,000+).
· 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