

# Nildo dos Santos Ribeiro Júnior

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- EDUCATION** *Federal University of Minas Gerais, Brazil* 2015 - Now  
Master of Computer Science Expected Graduation: July 2017
- Federal University of Minas Gerais, Brazil* 2011 - 2015  
Bachelor of Computer Science
- University of California at Berkeley* 2013 - 2014  
Computer Science, International student  
Brazil Scientific Mobility Program, fully-funded scholarship recipient
- Federal Center of Technological Education of Minas Gerais, Brazil* 2008 - 2010  
Technical Course of Industrial Informatics
- EXPERIENCE** *Software Intern* Summer 2014  
Tarana Wireless, Berkeley, CA
- Developed software for a new generation of wireless transport solution.
  - Designed and developed hardware tests on a embedded system's boot loader.
- SKILLS** C/C++, Java, Python, PHP, Javascript, HTML, CSS, MySQL
- LANGUAGES** Native Portuguese, Advanced English
- HONORS** Gold Medal at the 6th Brazilian Mathematical Olympiad of Public Schools  
Silver Medal at the 2010 Brazilian Robotics Olympiad, Duathlon Modality  
Bronze Medal at 12th Brazilian Informatics Olympiad
- EXTRA-CURRICULAR ACTIVITIES** Research Project: *CyberPhysical AOP*.  
Aiming to develop a complete system to operate on the concept of Always On Platform, on different wireless networks and low power consumption.  
Advisors: Marcos Vieira, Luiz Filipe Vieira, Antônio O. Fernandes, Omar Paranaíba  
Federal University of Minas Gerais, 2015 - Now
- Research Project: *Wireless Sensor Networks Routing Protocol using Network Coding*  
Advisor: Marcos Vieira  
Federal University of Minas Gerais, 2012
- Scientific Initiation and Masters Program (PICME)*  
Additional studies in mathematics.  
Federal University of Minas Gerais, 2011 - 2012
- Research Project: *Relevance Rating of Geospatial and Thematic Indicators in the Internet*. Junior Scientific Initiation Program.  
Advisor: Leonardo Lacerda Alves  
Federal Center of Technological Education of Minas Gerais, 2010
- PUBLICATION** Nildo dos Santos Ribeiro Junior, Marcos A. M. Vieira, Luiz F. M. Vieira, Omprakash Gnawali, *CodeDrip: Data Dissemination Protocol with Network Coding for Wireless Sensor Networks*, In Proceedings of the 11th European conference on Wireless sensor networks (EWSN 2014), February 2014.