Thiago Ribeiro

Education

2012 - Nov 2016	**University of Pernambuco**, Brazil Currently pursuing a B.S. in Computer Engineering.
Jan - Aug 2013	**Loyola University Chicago**, USA Exchange student in Computer Science. Relevant coursework: OO paradigm (C#), Intro to Python, Wireless Networks.
Aug 2013 - Dec 2012	**Oklahoma Christian University**, USA Exchange student in Computer Engineering. Relevant coursework: Assembly x86, Microcontrollers 68HC11, Signals Processing.
Jun - Aug 2012	**DePaul University**, USA English student at English Language Academy.

Work Experience

Current Oct 2015	Software Engineering Intern at Stefanini Design and implement RESTful web services in Java (JAX-RS 2.0) to process image quality, censure fields of checks and extract information from IDs through C++ engines. Also developed API for iOS in Objective-C to identify routing numbers from check picture.
Apr-Sep 2015	Software Development Intern at Mobilicidade Integrated Volley HTTP library into Android apps (Mobpark). Designed and implemented substantial parts of the parking payment iOS app as well as the website using HTML, CSS and JavaScript.
Dec-Fev 2013	IT Intern at Datamétrica Worked on bug fixes and support to web-based systems in C#. Implemented ASP.NET MVC mini music store during training.

Personal Projects

Dec 2015	RecNoise: Sound Level Meter IoT Built IoT device (hardware and software) in order to map places in the city that usually make noise above the adequate level. The hardware uses an Arduino, a Sound Detector and a WiFi module. The iOS app was implemented in Objective-C. (Video)
May 2015	Cap-Charge Built web app in JavaScript that generates charge/discharge capacitor curves using Google Chart API. (Video)
Nov 2014	Simplified DES A simplified version of the famous encryption algorithm Data Encryption Standard DES in C. The simplified (SDES) operates on a 8-bit block of plaintext to generate a 8-bit block of ciphertext. (Link)
Dec 2015	KeroKero (startup project) Built PHP app (using Bootstrap framework for front-end) that enables customers at restaurants to visualize the menu and order from the table.

Skills

Languages:	C/C++, Java, Objective-C, PHP, HTML5, CSS3, JavaScript
Tools:	Git/GitHub, Bootstrap, Google API, LaTeX
Platforms:	web, iOS, Android