

# BRUNO MACEDO PASINI

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## EDUCATION

**NYU Polytechnic School of Engineering**, Brooklyn, NY  
M.S. Computer Engineering

**Expected Jan/16**  
GPA 3.7

**Polytechnic School of the University of Sao Paulo**, Sao Paulo, Brazil  
B.S. Electrical Engineering

**Jan/09 – Jan/14**  
top 10 %

## PROFESSIONAL EXPERIENCE

**Warren Invest**, New York, NY

**Jan/15 – Present**

*Co-Owner and Full-Stack Node.js Developer*

- Wrote a JSON RESTful API using Node.js, Express.js and MongoDB, consumed by desktop and mobile platforms
- Handled the deployment process, testing and implemented interfaces with Backbone.js

**NYU Polytechnic School of Engineering**, Brooklyn, NY

**Jan/15 – Present**

*Visualization and Data Analysis Laboratory Research Assistant*

- Developed a fully working web crawler in Python and a genetic programming algorithm in C++, used to train a focused crawler
- Used a focused crawler written in Java to analyze certain topics in the web

**Independent Web Development Projects**, New York, NY

**Jul/14 – Dec/14**

*Ruby On Rails Full-Stack Developer*

- Web platform for sharing photos – A complete working replica of the popular website Imgur – <http://imgur-jr.herokuapp.com/>
- Feedback platform for people in a group to organize and vote in their thoughts and opinions – <http://feedbc.herokuapp.com/>
- Web application where you can find all bills sponsored by a congress person and also news about them – <http://legistat.us/>
- Social network platform for bands publicize their shows and for fans find good concerts to go – Needs to be deployed

**NYU Polytechnic School of Engineering**, Brooklyn, NY

**Feb/14 – Jul/14**

*Power Electronics Laboratory Research Assistant*

- Developed and maintained a C and C Sharp codebase of the Wireless Electric Vehicle Charging project
- Designed and implemented a PID control algorithm for a microcontroller chip, written in C

**Procter & Gamble**, Sao Paulo, Brazil

**Jan/13 – Dec/13**

*Finance & Accounting Intern*

- Conducted feasibility studies of new investments on the Pampers brand, assessing the team in achieving optimal ROI
- Created tool in Excel that monitored shelf prices of all Pampers' products, enabling the execution of the brand price strategy
- Created tool in Excel/VBA that tracked brand's spending vs. budget, which enabled Marketing teams meet budget requirements
- Managed via SAP prices and discounts of all Pampers products and clients in a way that any unpredicted error could be easily fixed

**XP Securities**, Sao Paulo, SP, Brazil

**Jul/11 – Dec/12**

*International Desk Intern*

- Created Excel tool that priced derivatives and precisely accounted for all exchanges fees, designed for High-Frequency Traders
- Wrote material explaining Brazilian market peculiarities, focused toward American investors
- Helped choose topics of daily morning calls and wrote weekly monitoring reports of market highlights

## TECHNICAL SKILLS

- Proficient in Ruby On Rails and Node.js
- Proficient in SQL, NoSQL and Hadoop
- Advanced in C and Python
- Proficient in Excel, PowerPoint, Word

## LANGUAGE SKILLS

- Native Portuguese speaker
- Proficient in Spanish
- Intermediate in Italian
- Proficient in English

## ADDITIONAL TRAINING

**Dev Bootcamp**, New York, NY

**May/14 – Oct/14**

*Full-Stack Web Development Training* – Over 1000 hours' mastering Ruby on Rails and Javascript web development tools

**London School of Economics**, London, United Kingdom

**Jun/12 – Jul/12**

*Options, Futures and Other Derivatives* – One-month long intensive course covering all the fundamentals of Financial Derivatives

**Polytechnic School of the University of Sao Paulo**, Sao Paulo, Brazil

**Jul/11 – Jun/12**

*Fundamentals of Business Administration* – One-year long course covering topics in Marketing, Finances and Soft Skills development