

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 – <http://live-jive.herokuapp.com/>

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

- Portuguese: Native language
- Spanish: full professional proficiency (ILR scale)
- English: full professional proficiency (ILR scale)
- Italian: limited working proficiency {ILR scale}

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