Mauricio Uyaguari
Software Engineer
New York, New York

PROJECTS
SPLIITIT | *JavaScript, React, Redux, Rails, PostgreSQL |* [Live](#), [Github](#)
Single page application used to track bills and transactions between parties
- Optimized real time data update including bills, transactions, searches and debts data by using efficient SQL queries along with an MVC backend architecture
- Built modals for CRUD actions with bills, searches and transactions to enhance user experience
- Verified login credentials both through the cookies on the front end and the SQL database to ensure security

BITDATA | *JavaScript, D3.js |* [Live](#), [Github](#)
Bitcoin Data Visualization
- Leveraged D3 library along with jQuery to build a responsive data visualization showing historical and real time bitcoin and news data
- Implemented using various AJAX requests to the Google News and Blockchain API to retrieve data

DATATREE | *Ruby, SQL|* [Github](#)
An ORM used to connect SQL tables to Ruby classes
- Implemented retrieving, updating database information and additional complex SQL queries through an object relational mapping framework

EXPERIENCE
PURE INSURANCE – *PRODUCT AND PRICING ANALYST*
White Plains, NY| June 2016 – November 2017
- Conducted rigorous in depth data analysis to guide business decisions to meet both growth and profitability goals for the Northeast Region which accounts for more than 40% of the country's premium
- Initiated rate change activity through analysis of the current rating plan, pricing segmentation, competitor pricing, and underwriting appetite
- Implemented new products and product enhancement through the necessary state procedures as well as ensure proper IT implementation through proper UAT Testing

NATIONAL SCIENCE FOUNDATION – *ENGINEERING RESEARCH ASSISTANT*
OLIN COLLEGE NEEDHAM, MA| SUMMER 2015
- Examined the education and career path of African American Women within the industry of engineering to explore how their gender and race affected their experience
- Developed interview protocol and interviewed seasoned professionals to gain insight of the current career atmosphere and presented findings to fellow engineering researchers

UNITED TECHNOLOGIES - *PATENT AGENT INTERN*
Farmington, CT | Summer 2014
- Reviewed freedom to operate patent search to ensure company's technologies and products do not infringe competitor patents; provide preliminary assessment to IP counsel
- Benchmarked other UTC business' inventor recognition programs; provided a final assessment and recommendation to IP on implementing a suitable process for Building and Industrial Systems

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PORTFOLIO SITE
[/mauriciouyaguari.com](#)
GITHUB
[/MauricioUyaguari](#)
LINKEDIN
[/luismauriciouyaguari](#)

EDUCATION
App Academy
New York, NY | Nov. 2017 – Feb 2018
Software Engineering
Rigorous 1,000-hour software development program with <3% acceptance rate
Trinity College
Hartford, CT | May 2016
Bachelor of Science
Electrical Engineering (Honors and ABET Accredited) & Mathematics

SKILLS
- React
- Redux
- JavaScript
- jQuery
- SQL
- Rails
- Ruby
- MATLAB
- Python
- HTML5
- CSS
- Git
- Excel
- VBA
- Access

LANGUAGES
- Native Spanish Speaker
- Conversational in Italian