Jonathan Benavidez

Application Developer

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Application developer with design and integration problem-solving skills who is passionate to design and develop sustainable business applications. I'm looking for a challenging position where skills will make a significant contribution towards the corporate goal of the organization.

SKILLS

Programming/Scripting Languages:

Python, Java, Javascript, PHP(Familiar)

Frameworks/Databases/Tools:

 Django, Google cloud Platform, Google Apis, Mysql, Redis, Elasticsearch, Mongodb(familiar), Html, Css, Jquery, Bootstrap, React(in progress), Python pandas library

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EXPERIENCE

Application Developer : The New York Public Library (NY, NY), 2015 – present

- Developed and integrate a cloud base   metric system which analyze thousands of rows to provide charts and report for each branch the organization.The system can group data by boroughs/departments/branches/classes/special events. As a result, the system can be used by branch managers to compare their branches metrics with the rest of the branches to see who well they are doing; Moreover, The system allow the departments and borough directors   to compare metrics between boroughs and departments in order to make business decisions . In addition, the system includes   python pandas scripts in order to clean the data in order to provide better reports.
- Developed and integrate a staff/public   system to display the NYPL Capital projects informations. The staff can uses the system to inter information and media for each project. As a result the public can has access to all the NYPL capital project; the public side display a list of projects which can be filtered by the users; in addition, the system meet the WCAG guidelines;as a result, people with and without special needs can access to the nypl capital project information .Link to the public side of the system https://atlas-nypl.appspot.com/location-list
- Developed and integrate NYPL Fellowships Management System, the application allow the users to apply to all the fellowships available in the organization by creating an user profile,uploading their cv. The application included a ticketing system that allow the users to submits tickets if they find a bug in the system or have questions about their application status. In addition, the application allows the staff to create metrics about the applicants and the applications in the system. link to the public side of the system https://fellowships.nypl.org/home

- Developed the integrated and centralized NYPL Special Collections Tracking System, which has been used to collect and analyze the data of over 10k visitors of NYPL Special Collections.
- Provide support to the organization current CMS system by developed and integrating new features.
- Used Google tools to build a centralized room reservation system.
- Helped to apply WCAG guidelines our all applications.
- Contributed to the standardization of REST APIs development within the ITCloud team, decreasing the RESTful API setup time for internal NYPL services.
- Helped standardize the best software development practices: virtual environments usage, unit-tests, code reviews and documentation, extensively reduced the number of working hours needed to debug/maintain projects codebase.

Application Developer Intern: The New York Public Library (NY, NY), 08/14 – 04/15

- Developed a search engine replacement for the current CMS system using Elasticsearch, the search engine was able to provide better search results.
- Developed a location closing application, which has been used by the branch managers to report when a location is closing by renovation or other maintenance reason.

EDUCATION

BACHELOR in Computer Information system: New York City College of Technology (Brooklyn, NY), 20011 – 2016

OTHER

Teaching and Tutoring :

- Teach Python/html/css/js to students.
- Help and guide students to solving coding exercises .

Projects :

- Designed and develop a softball mobile application.