Salma Elshahawy

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An entry-level data scientist with a passion for building models and translate data points into business insights. Offering exceptional programming, statistical analysis, and research abilities to extract, clean, and prepare data for data science model ingestion. I'm thoughtful in my approach to data analysis and have refined my skills through pursuing a master's degree in Data Science at CUNY university. Strong problem solver, currently looking to contribute my range of skills to a team that needs a dedicated performer with a broad grasp of technologies.

TECHNICAL SKILLS

Backend: Java, Ruby, JavaScript, Python
Framework: Ruby-on-rails, ExpressJs, Django, Spring, Hibernate, Sinatra, Numpy
Testing Framework: Junit, Rspec, Capybara, Shoulda, Jest
DataBase Management: NoSQL, Couch Database, Oracle Database, Sqlite, MongoDB, JSON, XML
Frontend Framework: React, Redux, HTML, CSS, Sass.
Miscellaneous: Agile/Scrum Methodology, API design, Git, Paas, ecp, Jenkins, Docker, Travis-CI

EMPLOYMENT HISTORY

CarOpp INC, NYC, USA *(Remote)*
It is a car rental management application which lets owners find drivers to their cars, and drivers find cars to drive.
Software Engineer, *4/2019 - 08/2019*
+ Promoted to join new team developing a rental private cars that allow users to store data and pay rental fees using ruby on rails.
+ Worked as a member of team that had established in California.
+ Developed new features according to product roadmap and requirements.

Cognizant, NYC, USA (BFS - Business and financial services unit)
Provides IT services, including digital, technology, consulting, and operations services.
Software Engineer II, *10/2018 - 03/2019* **(Amex-NYC)**
+ Analyzed product architecture and functional requirements for the required features.
+ Constructed REST microservices in Java 8 version.
+ Implemented the ODBC so I can pull the right data sources into custom apps.
+ Worked with 50+ Oracle on-premises databases services and scaled it up and down as needed.
+ Executed unit tests using Junit-5 following the TDD approach.
+ Managed, improved, and monitored cloud infrastructure on AWS, EC2, and S3, including backups, patches, and scaling.
+ Worked according to Agile Development Methodology (sprint every 2 weeks).
+ Worked with bitbucket and constructed a confluence project document.

OctoMedical
A system builder company that designs and builds processing equipment for pharmaceutical industry.
Senior Mechanical Engineer, *07/ 2009 - 08/2015*
+ Used Visual Basic and Excel to build engineering applications used in the design process.
+ Developed models in Java that allowed software engineers to operate control units.
+ Utilized mechanical testing using image processing and MatLab code.
+ Wrote 100+ instruction documentations to operate the system.

EDUCATION

The City University of New York - CUNY – New York, NY – present student
+ Master of science in Data Science

Flatiron School – New York, NY – 2018
+ Software Engineering Program, Ruby on Rails and JavaScript diploma

Cairo University - Cairo, Egypt - 2007
+ Bachelor of Science in Mechanical Engineering