Salma Elshahawy: CV

Contents

Summary

I am a full stack software Engineer with a passion for cleanly written, organized, and well-tested code. Have a special passion about **Python** as a data *analysis language.*

I have experience using Javascript, Ruby, R, Java, and their frameworks. I've developed many applications in many languages especially in financial industry. My background in mechanical engineering helped me to enhance my abilities as a **Software Engineer**.

I'm thoughtful in my approach to programming and have refined my skills through building various applications using various stacks. I am a 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.

I like to learn by reading and to convey the learning skills via writing. I have a blogpost on Medium - Kindly check it out. Many followers find it useful to them.

You can download a brief version of my CV as PDF.

Skills

what
- *Programming, data analysis and visualisation* in Python, R (tidyverse),D3.js, Javascript
- *Reproducible research with dynamic documents* in R Markdown LaTeX
- *Web development* In Ruby on Rails, Java
- *Database management* NoSQL, Couch Database, Oracle Database, Sqlite, MongoDB, JSON, XML
- *Testing framework* Junit, Rspec, Capybara, Shoulda, Jest

Selected work experience

year	what
2019 — 2019	Software EngineerCarOpp, New York, USABuilt MVP model using Ruby on Rails framework,wrote unit tes
2018 — 2019	Software EngineerIICognizant, New York, USAAssisted in developing new software to provide richer ways o

Education

year	what
2019 — Present	MSc in Data Science, The City University of New York City
2017 — 2018	Software Engineering bootcamp, Flatiron school New York
2002 — 2007	BA in Mechanical Engineering, Cairo University

Projects

Data science

title	short_title
spam-ham document classification filter	Applying multiple unsupervised machine learning algorithms to classify document
UN-migration stock analysis	Used tidyverse in R to transform wide tables into long version. Applied ggmap to
Best data science skills	Scrape multiple job posting platform and extract the most common required skill
Titanic desaster analysis	It was a kaggle project for performing analysis on the Titanic desaster

Web development

title	short_title	GitHub	stack
StudyHub	Is a Ruby on Rails application platform for students to manage their study	GitHub-Repo	Ruby, Rails, Java

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[1]This website is done by R-markdown and pagedown package using R