Qi Song

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SUMMARY

- Current Master of Data Science Student offering strong data analysis skill and data management skill
- B.S. Computer Science candidate capable of full-stack development and software development skills across multiple platforms
- Strong communication skills and familiarity with intensive work pace qualified by experience in consulting business

EDUCATION

University of California - Irvine, Donald Bren's School Of Information And Computer Sciences |
Master of Data Science   Irvine, CA   Dec 2022

Rutgers University, School Of Art And Science | Bachelor of Science   New Brunswick, NJ   May 2020

- Major in Computer Science, Minor in Economics
- Overall GPA: 3.431, Major GPA: 3.521, Dean's List 2016,2020

SKILLS

- *Programming language*: Java, Python, C, JavaScript, Haskell, Prolog,
- *Machine Learning*: TensorFlow, Keras
- *Database management*: MySQL, MongoDB
- *Web design*: HTML, CSS, Dreamweaver
- *Data Analysis:* Pandas, R, Altair
- *RPA*: UiPath
- *Version Control:* Git
- *Framework*: Spring, Bootstrap, React, jQuery
- *Other Tool:* Maven, Junit, AndroidStudio, Javafx

EXPERIENCE

RPA Developer Intern —— KPMG China
Internship   May 2019 – July 2019

- Learned knowledge about RPA development at the beginning of the program and joined an on-site project team after passed the certification examination of UiPath
- Communicated with clients, attending weekly meetings to analyze the workflow of clients' tax filing process
- Collaborated with team to develop a reliable and efficient RPA program, allows clients to fasten tax filing workflow by 47.4%

PROJECTS

Rurl – Short URL generator ● Demo: www.hfjohn123.tk:18080

Solo project   Feb 2020 – Aug 2020

- Created a short URL generating website with the MVC and HTTP server based on Spring Framework
- Applied Spring data as ORM and MongoDB for data storage
- Recorded UA info with 302 Redirecting for data analysis as an example of a way this website benefits business
- Implemented the function of accessing data entry of every generated URL with Restful API
- Performed Responsive front end to make the generator display properly on mobile

VGG-Like neural network performance research ● Code: https://hfjohn123.tk/project.zip
Group project   Feb 2020 – May 2020

- Collaborated with teammates to design, apply and tune a VGG16-like neural network and test its performance (accuracy) on classifying paintings' genres with TensorFlow
- Analyzed and tried to improve the accuracy of the produced model from 50% to 90% (approximately)
- Presented simple but informatics PPT report, securing A grade