

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 2016,2019,2020

SKILLS

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

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: hfjohn123.tk:18080
Solo project

- 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

Kinship Classification Ablation Study • Report: hfjohn123.tk/271p.pdf
Sponsored Project — Indago LLC

- Collaborated with teammates to apply transfer learning and finely tuned an EfficientNetB0 convolutional neural network to accurately classify kinship between two blood-related persons.
- Imblation study about different methods attempts improves the performance of the model based on the severely imbalanced training dataset achieving 62.2% with 11 classes.