

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO 2018.9-PRESENT
— **BACHELOR OF SCIENCE IN DATA SCIENCE, MINOR IN BUSINESS**
— **MAJOR GPA:4.0**
UNIVERSITY OF CALIFORNIA, BERKELEY 2017.6-2017.8
— **GPA:3.37**
NANCHANG FOREIGN LANGUAGE SCHOOL 2015.9-2018.6
— **GPA:3.87 SAT: 1520/1600**

SKILLS¹

PROGRAMMING LANGUAGES: PYTHON, JAVA, HTML/CSS, PHP, MATLAB, JAVASCRIPT
DATABASE LANGUAGES: MYSQL
MODULES: NUMPY, MATPLOTLIB, TENSORFLOW, PANDAS, BEAUTIFULSOUP, SELENIUM
SOFTWARES: TABLEAU, GOOGLESHEET, MICROSOFT OFFICE
WEB TECHNOLOGY: JAVA SERVLET PAGES(JSP)

PROJECTS²

STATISTICALLY TESTING THE EXISTENCE OF SOCIAL MEDIA BOTS 2019.1

UC San Diego COGS9: Introduction to data science.

- Analyzed the posts of a celebrity suspected to use bots on internet to add popularity
- Web-scraped statistics of all his posts from Weibo and save as tables in Python
- Employed A/B test to check whether the test statistic is statistically significant
- Utilized NLP packages in Python(NLTK and Jieba) to find evidence for the existence of social media bots.

VISUALIZING FACEBOOK INFORMATION OF HDSI 2018.12

UC San Diego Halicioglu Data Science Institute Student Shoutout

- Web-scraped all post from HDSI Facebook account
- Made a word cloud to show HDSI's working emphasis
- Posted by HDSI on its website http://datascience.ucsd.edu/news-and-events/news/Data-Science-Freshman_Word_Cloud.html

DATA ANALYSIS ON PUBG PLAYERS THROUGH WEB-SCRAPING 2018.10

- Developed an algorithm to web-scrape all game data of a twitch streamer 'Shroud' from PUBG website
- Makes analysis and visualization using Pandas and Matplotlib
- Summarized all his gameplay and found pattern indicating the change in his stream content

OBJECT DETECTION USING ML ALGORITHM 2018.7.20-2018.7.22

2018 HACK.INIT HACKATHON, Shanghai

- Modified an existing Tensorflow Machine-learning algorithm for detecting human's mouth
- Implemented this feature to drinking fountain which helped it accurately eject water to human's mouth
- Reduced water wasting

WORKING EXPERIENCE

TUTOR APPRENTICESHIP IN DATA SCIENCE UPCOMING(SPRING 2019)

UC San Diego

- Approved by the department to take DSC95: Tutor apprenticeship in Data Science as a potential tutor
- Answering questions for students taking Data Science classes and holding office hours
- Grading students' code for their homework, etc

WEB DEVELOPMENT INTERNSHIP 2017.10-2018.1

Nanchang University, China

- Followed graduate IT students to develop a web application for a local hospital
- Implemented Java and Mysql code for JSP technology (JDBC involved)
- Learned basic syntax and application of HTML/CSS

¹ Coursework taken this year: Principles of Data Science & Introduction to Data Science & Intro to OOP: Java & Programming and Data Structure for Python & Linear Algebra & Vector Calculus

² More interesting projects can be found on my Github www.github.com/Rabona17