

# SHARANG WAKANKAR

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## EDUCATION

<b>The University of Texas at Austin</b>	Master of Science in Information Technology and Management Overall GPA: 3.7/4.0	<b>May 2020</b>
Coursework Includes: Cognitive Computing, Advanced Data Mining, Strategic IT & Change Management		
<b>Arizona State University</b>	Bachelor of Science, Computer Science and Economics Overall GPA: 3.5/4.0	<b>Aug 2017</b>

## SKILLS

**Languages:** Java, Python, HTML/CSS, JavaScript, Kotlin (Android Development), SQL, PL/SQL

**Frameworks:** Spring Boot, Hibernate, Junit, RESTful, Flask, SQLAlchemy, AngularJS

**Data Science:** Pandas, Numpy, Scikit-Learn, XGBoost, TensorFlow, Keras, Apache Spark

**Cloud Computing:** Google Cloud Platform, Microsoft Azure, Amazon Web Services, Pivotal Cloud Foundry

**Other Technologies:** Git, Jupyter, Jenkins, RDBMS, Data Modeling

## EXPERIENCE

**Accruent (IT Capstone Project) – Full Stack Data Engineer;** Austin, TX **Nov 2019 - May 2020**

As a master's student worked with Accruent on a project to train and build a chatbot to expedite the repair process for medical devices using past maintenance data:

- Gathered and understood requirements on the context and system scope of the proposed project
- Performed data cleaning on raw data in order to implement various machine learning models

**Capgemini – Software Consultant;** Riverwoods, IL

**Aug 2017 - May 2019**

As a contractor for the third largest credit card brand in the US, redesigned an agent-facing legacy application by using newer technologies and built a more robust application from end to end to enrich the user experience so that the end-users were better equipped to serve customers:

- Led development of a more user-friendly interface resulting in a reduction in the training costs for end-users
- Wrote and supported well documented RESTful APIs for financially significant business tools
- Ensured continuous delivery by participating and at times leading monthly production installations and deployments
- Managed offshore resources' development tasks and performed code review on their work

**Charles Schwab Corporation – Technology Access Control Intern;** Phoenix, AZ

**Summer 2015**

Completed summer internship in the access management department and gained insight into the financial services industry

## DATA ANALYTICS PROJECTS

**Business Data Science – FIFA Manager:** *Win the Champions League with Data Science (Medium)*. Found optimal replacements for a club's outgoing player with cosine similarity scores. Built an ideal playing eleven given a budget.

**Big Data and Distributed Programming:** Implemented collaborative user-based and item-based filtering to build recommender systems for music and movies based on user's song and viewing history respectively.

**User Generated Content Analytics – YouTube Clickbait:** Topic modeling and sentiment analysis on YouTube thumbnails and titles to predict if the video will go viral and make recommendations on how to maximize user engagement.

## APPLICATION DEVELOPMENT PROJECTS

**Data Management – Points Giving System:** Website for employees to give or redeem points; cloud database with encrypted passwords and capabilities to power reports to analyze point usage with separate admin functionalities.

**Emerging Technologies – Weather and Steps:** Android application that retrieves weather information and records number of steps taken to keep users on track for their daily step goals. Leveraged a programmable Raspberry Pi to receive step data from a microbit and weather data from app to tune a machine learning model and produce step goals.

## ADDITIONAL INFORMATION

**Work Eligibility:** Eligible to work in the U.S. with no restrictions