JAY**PATEL**
M.ENG, INDUSTRIAL ENG.

[Facebook] [Twitter] [LinkedIn] [GitHub] /jay2jaykp

EDUCATION

M.Eng
INDUSTRIALENGINEERING

University of Toronto

B.E. (2016)
MECHANICALENGINEERING

Gujarat Technological
University (GTU), INDIA

SKILLS

Skill	Rating
python	★★★★★
JavaScript	★★★★☆
AngularJS	★★★☆☆
PHP	★★★☆☆
SQL	★★★★☆
HTML/CSS	★★★★★
WordPress	★★★☆☆

CONTACT

☎ **+1 647-878-5411**

✉ jayk.patel@mail.utor-onto.ca

@ **jaypatel.site**

PASTPROJECTS

APPLYING INNOVATION IN ENGINEERING & BUSINESS OPERATIONS (APS1013)

The course project collaborated with external industry partners to develop practical management skills. The problem given by the industry was addressed with the tools and techniques such as business process analysis, solution design, emotional intelligence, organizational teamwork, etc. Among the group, I handled the Data Cleaning and Data-preprocessing part required for statistical analysis required for the solution.

KNOWLEDGE MODELING & MANAGEMENT(MIE1501)

Development of Ontology in the domain of political history that assist in the exploration of information about the "genealogy" of political entities on Wikipedia. We developed python script for extrapolation of relational links from existing Dbpedia ontology and application of these links to infer new data. Finally, building a state genealogy graph for each country as an ancestry tree of political entities with the information about geography and temporal events of states.

TECHNOLOGIES FOR KNOWLEDGE MEDIA (KMD2002)

Development of front-end user interface of a mobile app based on the external client's demand. We used UX research methodologies for critical design thinking such as comprehensive surveys and usability testing to enhance user experience and meet the customer demands. The outcome was a fully functional mobile app framework tested with real users.

INTRODUCTION TO DATA SCIENCE AND ANALYTICS (MIE1624)

Data analytics project on "How Canada is perceived internationally". We focused on the twitter and Facebook as main data source and present comprehensive study of Canada as country for tourism attraction and immigrant attraction. We used sentiment analysis for predicting emotions of post-comments in social media on Canada gathered with the help of twitter's REST API and facebook's GRAPH API.