



Devisha Singh

Full Stack Developer at United Solutions LLC



Overview

- Background
- Past Projects
- Research skills
- Masters' Thesis
- Work Experience
- Current Projects
- Q & A

Background



- Bachelors in Information Technology.
- Research and Industry based internships.
- Masters in Computer Science from University of Maryland Baltimore County.
- Graduate Research Assistant (1.5 years).

Past Projects

Bachelors

- Web Crawler (Bachelor's Major Project).

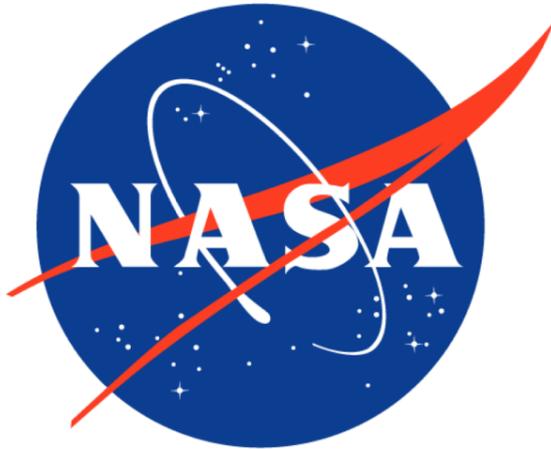
Masters

- Research Assistant for Project *“Inducing adaptations to enhance regulation of brain states and cognitive task performance”*.
- Research Assistant for Project *“ Quantum Enabled Annealing for estimating terrestrial carbon fluxes.”*

Publication

- International Journal of Emerging Research in Management and Technology *“Comparative Study of Data Mining Algorithms through WEKA”*
[https://www.researchgate.net/publication/301593104 Comparative Study of Data Mining Algorithms through Weka](https://www.researchgate.net/publication/301593104)

Research Skills



- Research Experience: Masters' Thesis
- **Research assistant** (3 months). Responsible for Data collection, extraction, cleaning and structuring of climactic data.
- **Research Assistant** (1.1 years) for project in collaboration with US army and UMBC. Responsible for data collection.

Masters' Thesis

The New York Times



Text Corpus

Raw Data

XML Parser

Parsed Data

Generate Data For Model

Training Data

Learning Model

Training and testing

Trained Model

Prediction

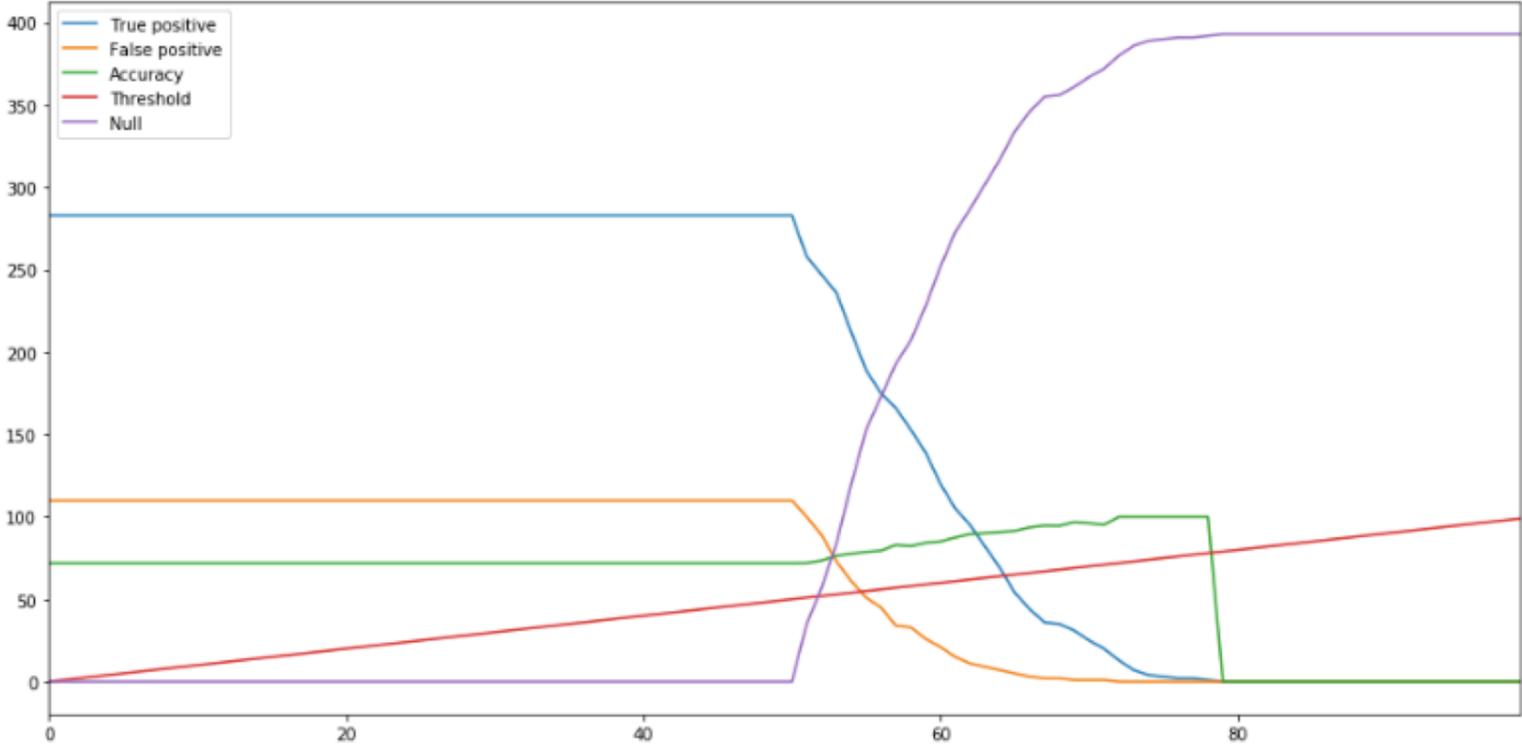
Predictor



Results



Masters Thesis Results



11972 (True Positive- TP)

6168 (False Positive -FP)

2483 (False Negative- FN)

29494 (True Negative -TN)

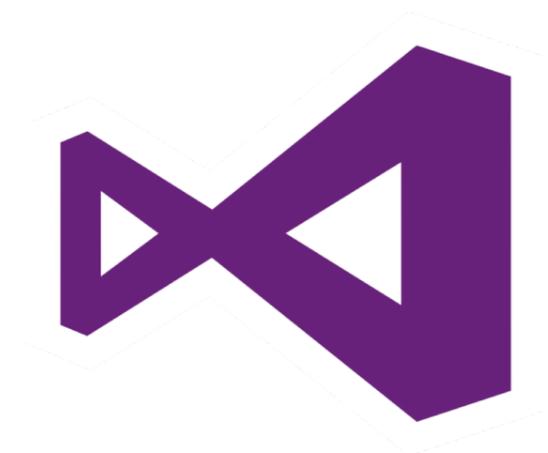
Results : **82.78 %** Classifier Accuracy

Work Experience



- Presently working as a Full Stack Developer (June 2018 –Present).
- Agile/SCRUM environment.
- Working in small dynamic team(fast paced environment).
- Leading the team for Website Development.

Development skills



- Experience with front end technologies like HTML, CSS3, JavaScript.
- Parallax, LESS.
- MVC framework C#.
- Working with Angular 6 framework – MEAN STACK

Current Project - HHS – Human and Health Services



- MEAN STACK. Developed using the Angular Framework.
- Machine learning algorithms cleanse the data and put it in a structured data taxonomy to track through blockchain technology.
- The blockchain automatically updates transaction information in a secure, compartmentalized cloud infrastructure.
- Responsible for Development of Key components.

Current Project



- **Bubblee.com** Innovative workflow management platform which gives companies an opportunity to collaborate on projects as well as endorse them.
- Using MVC framework with C# as model and AngularJS in View.
- Responsible for development of key features, enhancements example @mentions, feature of like and unlike.

Thank You!



Q & A

