

Space Search

An improvement of the SpaceNews' Information Retrieval System

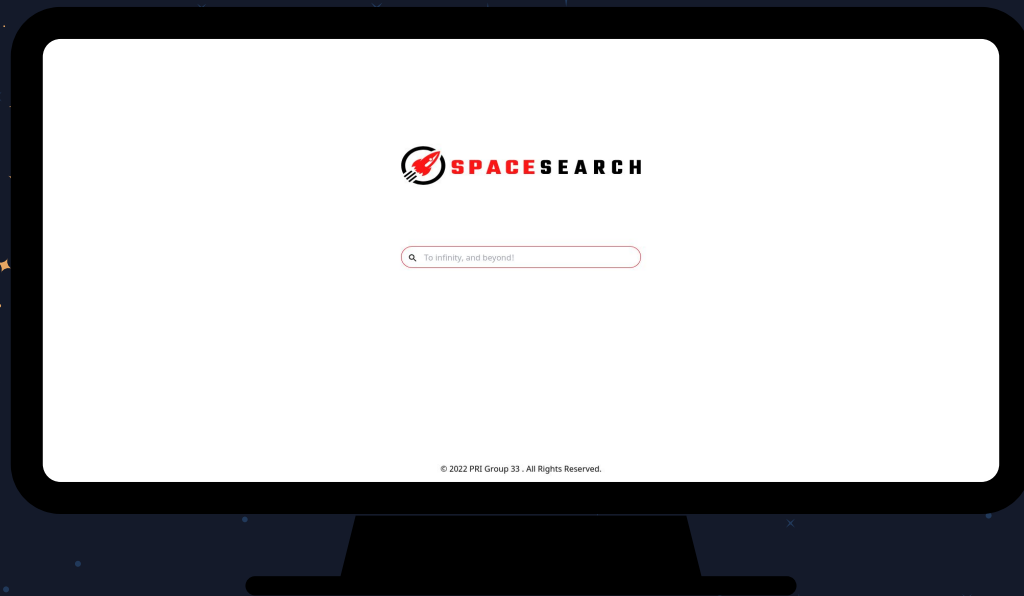


Milestone #3 – Search System

- 01 Building a User Interface
- 02 Improving Information Retrieval
- 03 More Like This

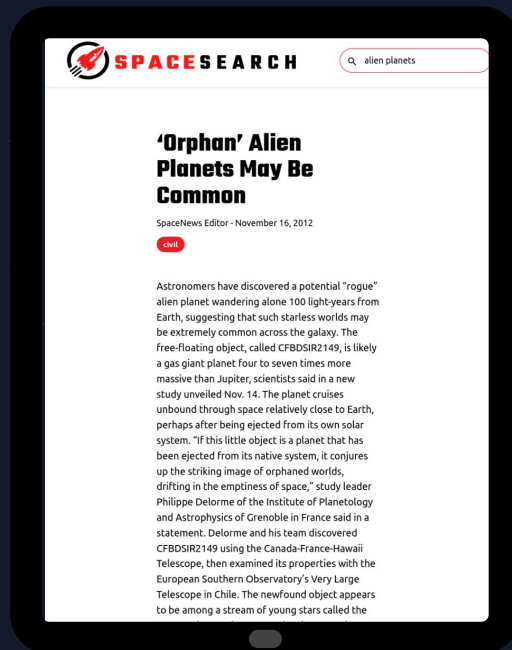
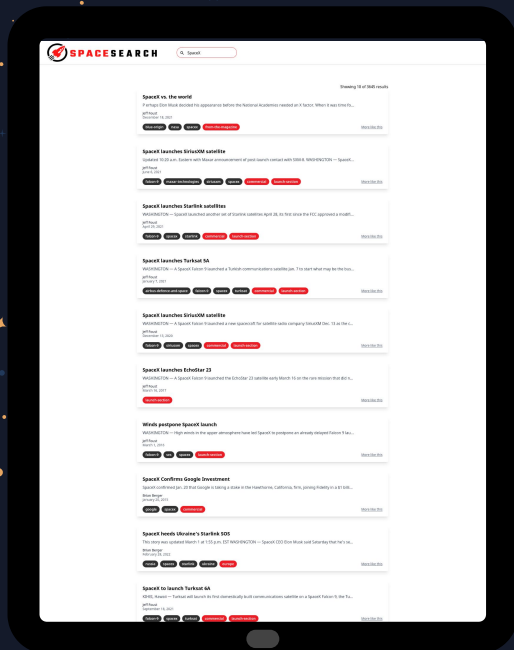


Building a User Interface





Building a User Interface



Improving Information Retrieval



Field	Boost
title	10
content	5
tags	3
sections	3
author	1



More Like This



Showing 10 of 56 results

'Orphan' Alien Planets May Be Common

Astronomers have discovered a potential "rogue" alien planet wandering alone 100 light-years from Earth, suggesting that...

SpaceNews Editor
November 16, 2012

civil

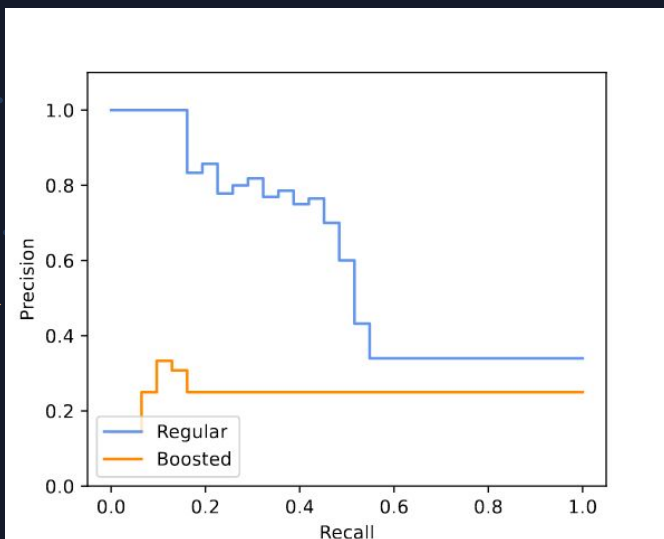
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Click and more similar
results are shown

More Like This



Information Need: Launches Leaving from French Guiana



Regular

MoreLikeThis

P@10

0.8

0.4

AvgP

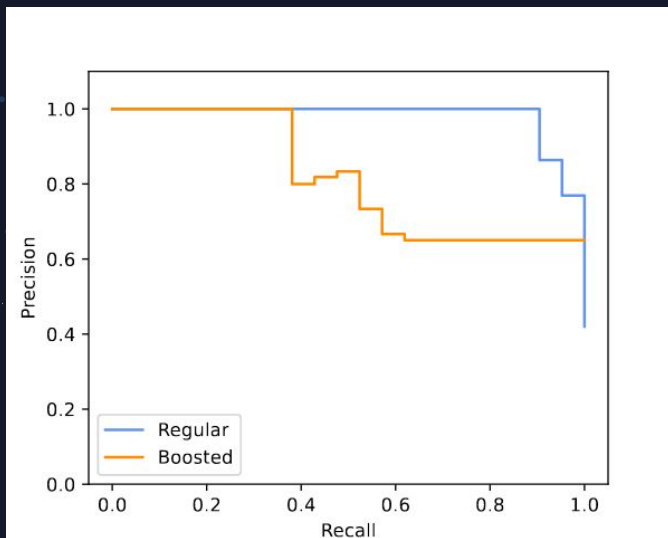
0.634

0.625

More Like This



Information Need: Searching for possible alien planets



Regular

MoreLikeThis

P@10

1

0.8

AvgP

0.778

0.869

Conclusions and Future Work

- The final product is a complete search system and is apt to replace the existing SpaceNews' Information Retrieval System.
- Results indicate that MoreLikeThis works well as a companion tool to surface more relevant articles that have fallen in priority by the base system, and is not a substitute for sound defaults.
- Implementing a classification model that would rank articles taking into account user data and some automated learning processes would be a great benefit to have, even to improve MoreLikeThis' results

Any Questions?

