



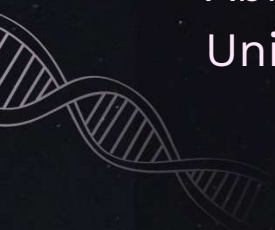
OOSP (Open Source Space Projects)

A Marketplace for Open Science Projects

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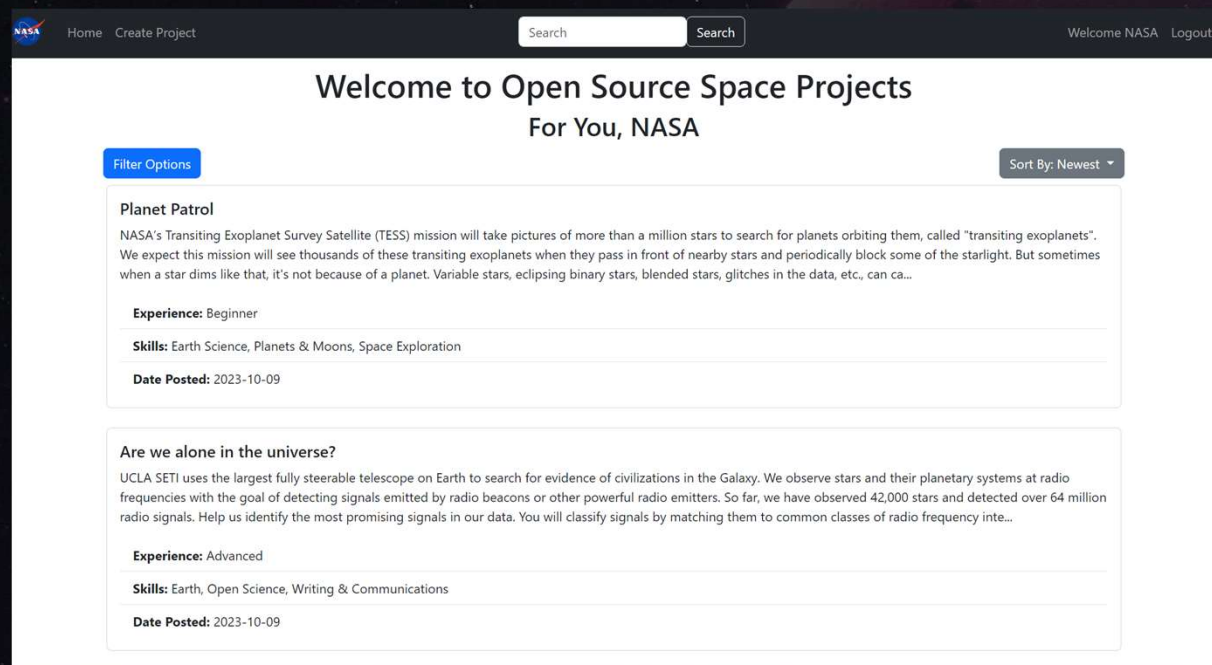


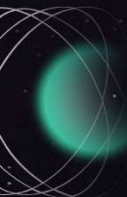
★ Our challenge

- A Marketplace for Open Science Projects, brought forth the issue of individuals having to search multiple sites to find projects.



Our solution?

- Our solution is a one stop shop website where anyone can post their open projects, and searching individuals can easily search and apply.



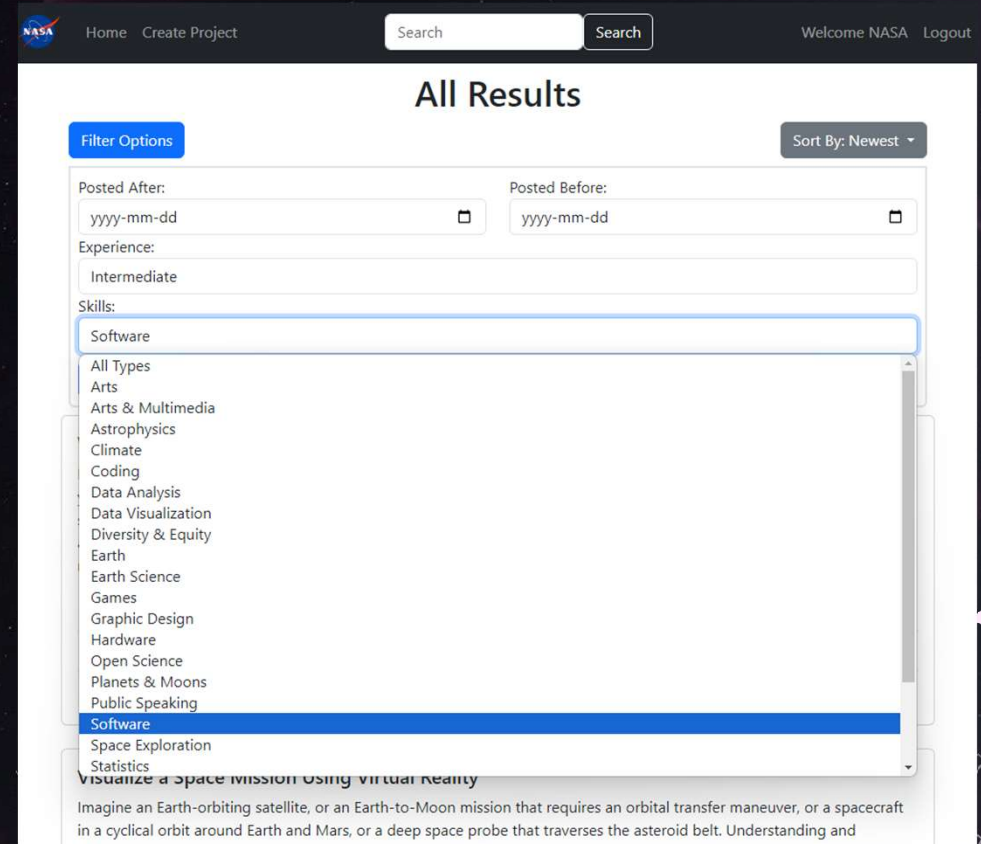


What inspired us to select this challenge?

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- Since we are both 4th year students, we are currently searching for post-grad jobs.
 - We have found that finding a job is hard. Not every employer post on the same job site and searching can take hours.
 - Finding a project for researchers must bring the same struggles.
 - Why can't we have a centralized website, where everyone can post their projects when searching for help?
 - Thus became OSSP (Open Source Space Projects)
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What makes our project stand out?

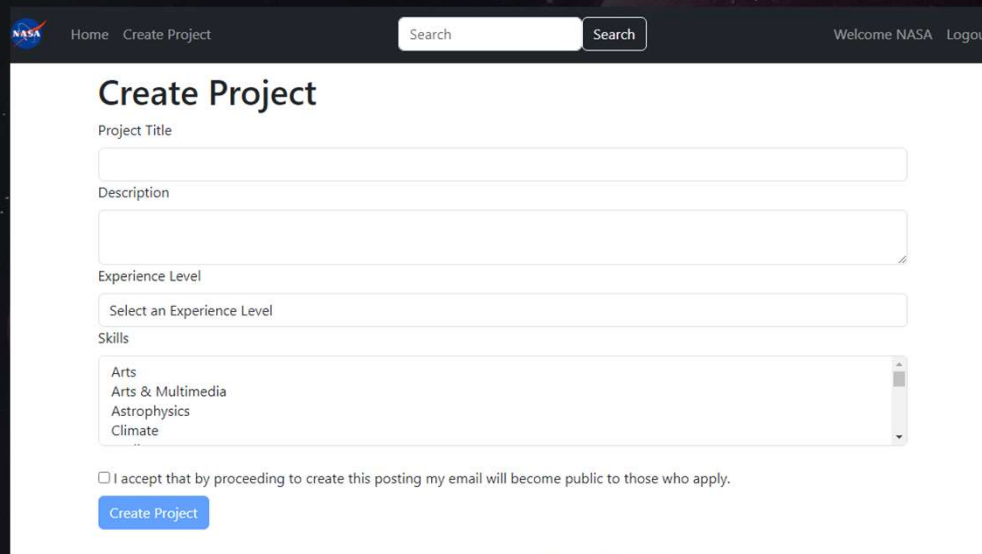
- Our project makes it easy to filter by experience level, and skill set. Only looking for projects in software? We have a filter for that
- Are you looking for a project starting next year? We can filter for that as well! Just change the “Posted After” and “Posted Before” dates!



The screenshot displays a web interface for searching NASA projects. At the top, there is a navigation bar with the NASA logo, links for 'Home' and 'Create Project', a search bar with a 'Search' button, and user options 'Welcome NASA' and 'Logout'. The main section is titled 'All Results' and includes a 'Filter Options' button and a 'Sort By: Newest' dropdown. The filter options section contains three input fields: 'Posted After:' with a date placeholder 'yyyy-mm-dd', 'Posted Before:' with a date placeholder 'yyyy-mm-dd', and 'Experience:' with a dropdown menu currently set to 'Intermediate'. Below these is a 'Skills:' section with a search bar and a list of skills. The skills list includes: All Types, Arts, Arts & Multimedia, Astrophysics, Climate, Coding, Data Analysis, Data Visualization, Diversity & Equity, Earth, Earth Science, Games, Graphic Design, Hardware, Open Science, Planets & Moons, Public Speaking, Software (highlighted in blue), Space Exploration, and Statistics. Below the skills list, a project titled 'Visualize a Space Mission Using Virtual Reality' is partially visible, with a description starting with 'Imagine an Earth-orbiting satellite, or an Earth-to-Moon mission that requires an orbital transfer maneuver, or a spacecraft in a cyclical orbit around Earth and Mars, or a deep space probe that traverses the asteroid belt. Understanding and'.

Easily post your project to find help!

- Using OSSP, you can easily create a project posting with a title, description, experience level, and skills that are used.
- These filters help you find the help you are looking for!
- Users must accept that creating a post shares their email, as searching individuals contact project managers by email



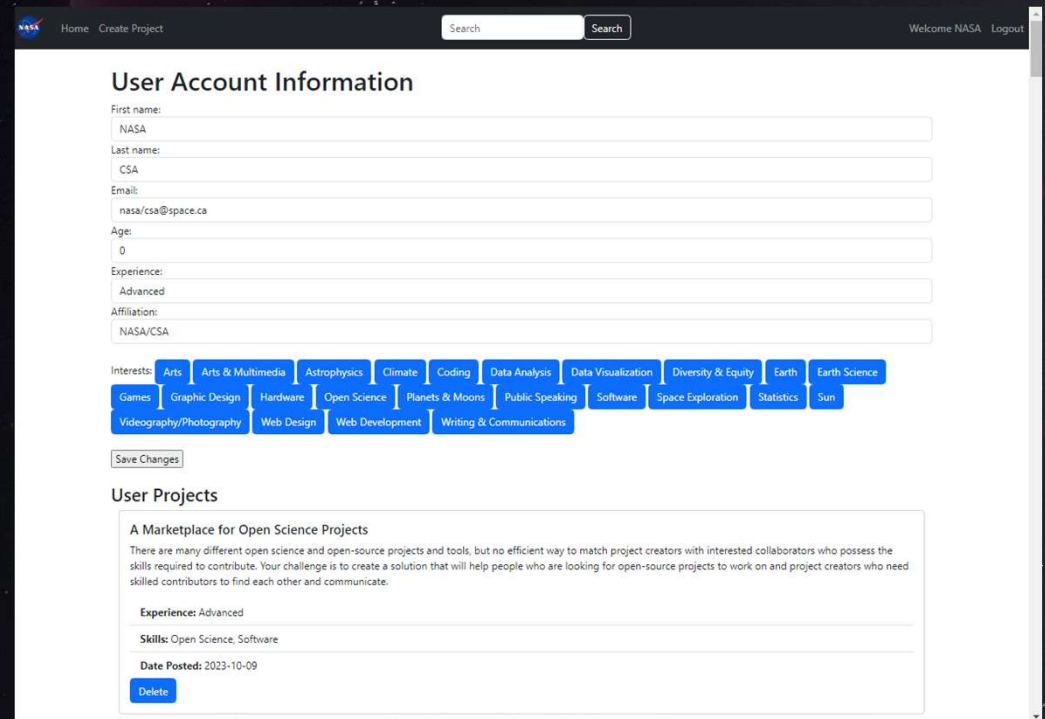
The screenshot shows the 'Create Project' form on the NASA OSSP website. The form is titled 'Create Project' and includes the following fields:

- Project Title:** A text input field.
- Description:** A text input field.
- Experience Level:** A dropdown menu with the option 'Select an Experience Level'.
- Skills:** A list of skills including 'Arts', 'Arts & Multimedia', 'Astrophysics', and 'Climate'.

Below the form fields, there is a checkbox with the text: 'I accept that by proceeding to create this posting my email will become public to those who apply.' Below this checkbox is a blue button labeled 'Create Project'.

Easily see your account info and projects posted!

- From your user account, you can see your personal information, as well as any projects you've posted!
- Have you found your dream team? Delete the project from our database so users know the team is full!



The screenshot shows a web interface for a user account. At the top, there's a navigation bar with 'Home', 'Create Project', a search bar, and 'Welcome NASA Logout'. The main section is titled 'User Account Information' and contains several input fields for personal data: First name (filled with 'NASA'), Last name (filled with 'CSA'), Email (filled with 'nasa/csa@space.ca'), Age (filled with '0'), Experience (filled with 'Advanced'), and Affiliation (filled with 'NASA/CSA'). Below these fields is a horizontal list of interest tags, including 'Arts', 'Arts & Multimedia', 'Astrophysics', 'Climate', 'Coding', 'Data Analysis', 'Data Visualization', 'Diversity & Equity', 'Earth', 'Earth Science', 'Games', 'Graphic Design', 'Hardware', 'Open Science', 'Planets & Moons', 'Public Speaking', 'Software', 'Space Exploration', 'Statistics', and 'Sun'. A 'Save Changes' button is located below the tags. The bottom section is titled 'User Projects' and contains a description of the marketplace, followed by fields for 'Experience: Advanced', 'Skills: Open Science, Software', and 'Date Posted: 2023-10-09'. A 'Delete' button is positioned at the bottom of this section.

Home Create Project Search Search Welcome NASA Logout

User Account Information

First name: NASA

Last name: CSA

Email: nasa/csa@space.ca

Age: 0

Experience: Advanced

Affiliation: NASA/CSA

Interests: Arts Arts & Multimedia Astrophysics Climate Coding Data Analysis Data Visualization Diversity & Equity Earth Earth Science Games Graphic Design Hardware Open Science Planets & Moons Public Speaking Software Space Exploration Statistics Sun Videography/Photography Web Design Web Development Writing & Communications

Save Changes

User Projects

A Marketplace for Open Science Projects

There are many different open science and open-source projects and tools, but no efficient way to match project creators with interested collaborators who possess the skills required to contribute. Your challenge is to create a solution that will help people who are looking for open-source projects to work on and project creators who need skilled contributors to find each other and communicate.

Experience: Advanced

Skills: Open Science, Software

Date Posted: 2023-10-09

Delete



The future of Open Source Space Projects

★ The future of Open Source Space Projects is very bright. As we gain users, we can expand info such as skills, and even put more details such as links to project website and more!

Want to experience our website for yourself?

Link: nasa.matp101.com

Email: nasa/csa@space.ca

Password: 1234567

(Note: You do not have to create a “real” account to try out our website! Any random email and password will work)

