

Introduction to Cognitive Class Competitions

Teams – Creation

The screenshot shows a search results page for the 'SETI Institute Hackathon & Code Challenge: Best Classifier'. The results are as follows:

- Machine Learning for the Search for Extraterrestrial Intelligence Hackathon & Code Challenge**
June 1, 2017 - June 11, 2017
Galvanize HQ, San Francisco
- ML4SETI: Signal Processing Contest**
June 1, 2017 - June 10, 2017
Remote
- Machine Learning for the Search for Extraterrestrial Intelligence Hackathon & Code Challenge**
June 10, 2017 - June 11, 2017
Remote

Once you have signed up and/or logged in, you can navigate to an event and create a team for it. In this walkthrough, we will go to the SETI Best Classifier competition.

The screenshot shows the main page of the 'SETI Institute Hackathon & Code Challenge: Best Classifier' event. The navigation bar on the left includes a 'Team' tab, which is highlighted with a red circle. The event details are as follows:

- Machine Learning for the Search for Extraterrestrial Intelligence Hackathon & Code Challenge**
- June 1, 2017 08:00 AM PDT - June 11, 2017 11:59 PM PDT
- Daily Submissions: 10 (Daily submissions reset at midnight PDT)
- Total Submissions: 20
- Galvanize HQ, San Francisco
- Maximum Team Size: 6 members

The main content area contains sections for 'About', 'Goal', 'For the Win!', and 'Presentations'.

After clicking the event card, we're presented with the main page of the event containing information about the event and navigation on the left. In the navigation bar, you'll find the team tab which is where you can create and manage your team.

Create a team

Team Name

Team Creation Code

Create Team

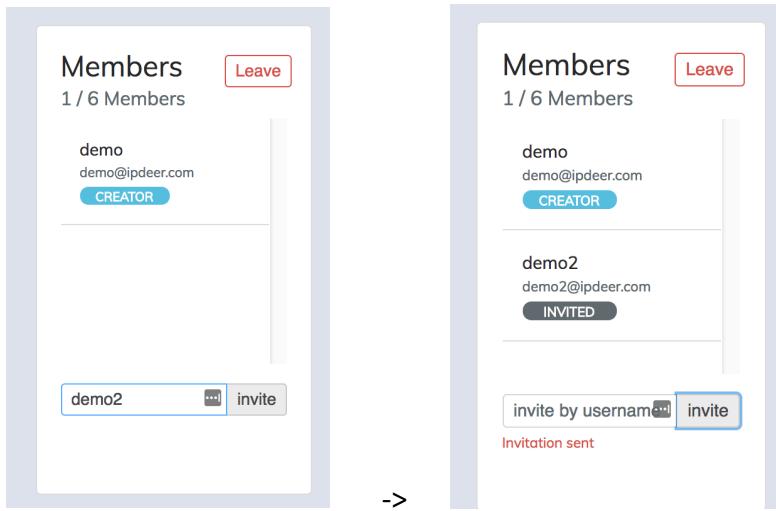
OR

The team tab will provide a form to create your team. To create your team, you need to pick a team name and enter the team creation code. The team creation code will be given to you at your event and ensures that people must physically be at the event to participate. **Note:** some events may not have the team creation code enabled, in which case you just need a team name to create your team.

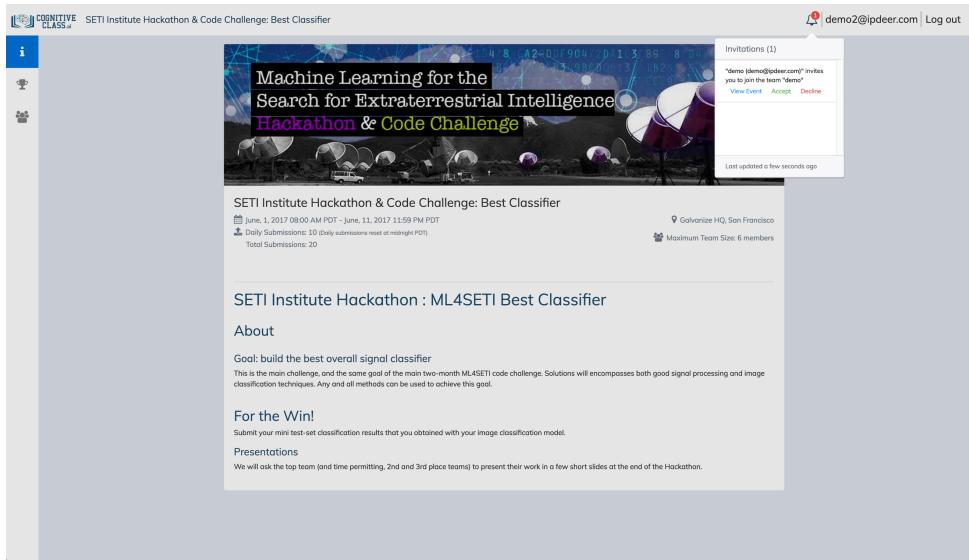
The screenshot shows a web-based interface for creating a team. At the top, there's a large blue button labeled "Create Team". Below it are two input fields: one for "Team Name" containing "demo" and another for "Team Creation Code" containing ".....".

After creating your team, you're presented with the main team page. This page allows you (and your team members) to view past submissions, manage team members, and most importantly, to submit your results.

Teams – Inviting/Joining



To invite people to your team you go to the team tab. In the member's card, you have a text input where you must enter your teammates username and click invite. People you invite will show up in the member list but don't take up a slot until they accept the invite. If the person declines your invite they will be removed from the list.



If a person invites you to a team, you will get a notification (the bell at the top right of the navigation bar). You can click the notifications icon to load/refresh and see if you have any invitations. The invitation dropdown will show all your invites to teams, which let you view the event the team belongs to and lets you answer the invite.

The screenshot shows the COGNITIVE CLASS interface. At the top, there's a navigation bar with the text "SETI Institute Hackathon & Code Challenge Best Classifier". On the right, it shows the user "demo2@ipdeer.com" and a "Log out" button. Below the navigation, there are two main sections: "Members" and "Past Submissions". The "Members" section shows 2 / 6 Members with names "demo" and "demo2". The "Past Submissions" section shows a single submission from "demo" with ID "1.94591" and file name "out5.txt". The submission is described as "very sophisticated techniques for this submission" and was submitted 8 minutes ago. A "Download" button is available for this submission.

Upon accepting you will be taken to the previously mentioned team page.

Submitting Results

The screenshot shows the "Submit Results" form. It starts with a heading "Submit Results" and a note: "Your submission file must be a CSV file. Each row will have an identifier in the first column followed by an arbitrary number of classes in the columns. Each class column will contain the predicted probability for that class & id combination. Note: Your submission rows will be normalized to sum up to 1.0, then log loss will be used to assign a score." Below this, there's a "CSV File" section with a dashed box for dragging and dropping files. A file named "out5.txt" (237661 bytes) is listed with a "Remove File" button. To the right, there are fields for "Team" (set to "demo"), "Submitted By" (set to "demo"), "Gist URL (Only visible to your team)" (with "gist url" entered), and "Description (Only visible to your team)" (with "very sophisticated techniques for this submission" entered). A "Submit >" button is at the bottom right.

When you're ready to submit, navigate to the event you're submitting for and go to your team tab. The bottom card is the submission form where you must select your submission file, and optionally add a gist URL and a description. The gist and description are only visible to your team and allow you to easily identify submissions in your list. You and your teammates can download any past submissions as well.

The screenshot shows a user interface for submitting results. On the left, there's a sidebar with 'Members' (1 / 6 Members) and a 'Leave' button. Below it is an 'invite by username' field with a 'invite' button. The main area is titled 'Past Submissions' and shows a single entry: '1.94591' (out5.txt), daily 1 / 10, total 1 / 20. A 'Download' button is available. At the bottom, there's a 'Submit Results' section with 'Score' (1.94591) and 'Scoreboard Position' (#1). Below this are social sharing icons (Facebook, Twitter, Google+, LinkedIn) and a 'View Scoreboard' link. A 'Submit Again' button is at the bottom.

If the submission is valid in terms of formatting, then it will be accepted and assigned a score. You will see the score and scoreboard position, and the new submission will show up in your past submissions. **Note:** each event has a limit for daily submissions and total submissions, be mindful of your limits when submitting. The daily limits reset at midnight of the events time zone, which will be indicated on the front page of the event.

The screenshot shows a 'Leaderboard' page for the SETI Institute Hackathon & Code Challenge: Best Classifier. The user 'Demo' is ranked 1st with a score of 1.94591, submitted just now. The second place is held by 'TeamWombat' with a score of 1.94730, submitted 2 days ago. The third place is held by 'Test' with a score of 2.22702, submitted 13 hours ago. The top of the page includes a navigation bar with a logo, the event name, a user icon, and a 'Log out' link. There are also buttons for 'Submit', 'Download CSV', and 'Refresh'.

After submitting we can view the scoreboard and see where we rank relative to other teams. **Note:** The leaderboard rankings always use your most recent submission even if it has a lower score. If two team's submissions have the same score, whichever team submitted first will be ranked higher.

More Questions?

Check out the FAQ:

<https://compete.cognitiveclass.ai/faq>