# Dyer Center User Manual

2019

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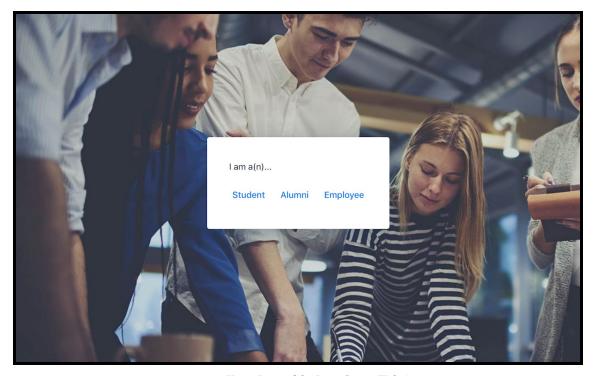
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# **Forward**

Thank you for using the Dyer Center Web App! This application was made possible by the work of Joseph Cenci, Gabrielle Martone, and Julianna Puleo. Special thanks to Professor Joann J. Ordille Ph.D., Yusuf S. Dahl and Jolene Cardassi of the Dyer Center, and Lafayette College for the opportunity to launch this project. The Dyer Center is an organization on campus that, "fosters and sustains a culture of innovation and entrepreneurship that increases the creative capacity of Lafayette students to lead and inspire change. The Dyer Center implements several student-focused activities aimed at promoting entrepreneurship, innovation and creativity," that currently are going relatively unnoticed by the student body. The Dyer Center wants to increase awareness for their organization by having web application that will allow enrolled students and alumni to propose ideas for entrepreneurial projects they have and match based upon their skill sets. From this, students and alumni will be able to discuss their proposals outside of the application and move forward in making their ideas a reality. In turn, this provides work experience for students and builds connections for their future careers. Information on how further develop this web application can be found in the Dyer Center Developer Manual which can be found on <a href="https://github.com/cencije/DyerCenter">https://github.com/cencije/DyerCenter</a> CS470.

# **Entering the Site**

Start by entering the URL into your web browser: ignitem.cs.lafayette.edu/DyerC/This will direct you to the homepage of the web application, seen below.



Home Page of the Dyer Center Web App

Once on this page, you'll need to select the type of user that you are: a Student, an Alumni, or a Dyer Center Employee. Choose the type of user that accurately reflects your status, as your account will be authenticated and each page was created specifically the needs of each type of user.

If you're a Student, proceed to the Student section of this User Manual on page 3. If you chose Alumni, proceed to the Alumni section on page 10, and if you chose Dyer Center Employee, proceed to the section of the same name on page 14.

# **Student**

When you arrive at the Student page of the web app, you'll be greeted with a short welcome message that will instruct you to choose an item from the Control Panel at the top of the screen. Click anywhere to close out of the welcome message. Use the Control Panel to move back and forth between the three different pages, Projects, Events, and Profile at any time. If you're entering the site for the first time, you should initially navigate to the Profile page to set up your profile.

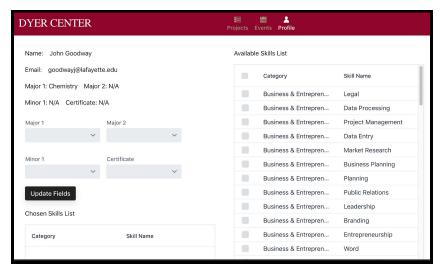


Control Panel at the top of the Student Page

### **Profile**

This page will already contain your basic information such as your name, email, and major. These are all accessed through your profile when you login. The profile page contains three main components:

- 1. Your basic information: name, email, major(s), minor, and certificate
- 2. A list of skills that you've chosen
- 3. A list of all available skills

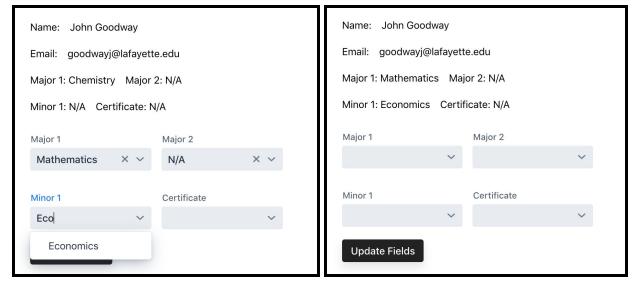


Student Profile Page

### **Adding to Your Profile**

You'll need to supplement the basic information by entering your Major(s), Minor, and Certificate, and selecting your skills.

When you login for the first time or if they change at any time, update your Major(s), Minor, and Certificate by selecting your first or only major within the field labeled Major 1. Do this by scrolling through the list of majors that drops down or typing your major into the field. If you're a double major, select your second major within the Major 2 field. If you are not a double major, select N/A (Not Applicable) in the Major 2 field. Repeat the same process for the Minor 1, and Certificate fields. Once you've filled out all four of these fields, click on the Update Fields button. You should see your updated information printed above.



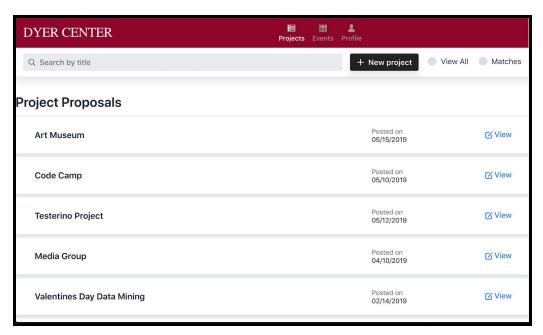
Student Profile Major(s), Minor, and Certificate information before and after being updated

Above on the left you can see the a student named John Goodway in the process of updating his major and minor, on the right his profile page after clicking on Update Fields. If you change your major, add a minor, or ever need to update these fields in the future, simply return to this page and repeat that process.

Once you've updated those fields, move on to selecting your skills. Do this by scrolling through the Available Skills List on the right side of the screen, and checking off each of the skills you have. Take your time going through the list of skills, and make sure you select every skill you have so that you can get matched to projects that are best for you. You will be matched with a project based off of the number of skills you have that the project is looking for. If you don't have any of the skills that a project is looking for, then you'll be matched based off of the categories of skills. So if you don't have the specific programming language that a project is looking for, but you have experience with other programming languages, then you'll still be matched. Select all of the skills or deselect all of the skills in the list clicking on the Select All or Deselect All buttons respectively. Use the Deselect All button to clear what you've selected so far if you need to start over. Once you've selected all of your skills from the list, click on the Update Skills button under the list. After doing so, you should see all of your skills listed on the left hand side of the screen under the Chosen Skills List

# **Projects**

Move to the Projects page by clicking on the Projects item in the Control Panel.



Student Projects Page

The projects page will initially display a list of all of the entrepreneurial and innovative projects that the Dyer Center is currently sponsoring. This includes projects that you don't match to, meaning that it includes projects that require skills that you might not have. You can change the view to only display the projects that match to you because they are looking for skills that you have by selecting the Matches option in the top right corner. Switch back to all projects by selecting View All. If you want to find a specific project proposal, you can search for it by title using the search bar at the top of the screen.

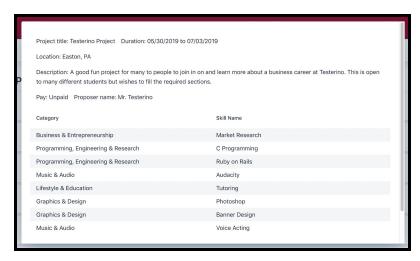
# **How Matching Works**

The goal of the Dyer Center Web Application was to allow students to match on projects according to their skills associated with their profile. Skills are composed of two pieces: the category the skill belongs to and the name of the skill itself. The list of skills that you have associated with your profile is used to look for any projects that match at least one of those skills by having the same category and skill name. Once every skill that you have in your profile is checked for, the set of all projects that you match with is shown on the projects page.

However, if you do not end up matching any skills, as they are performed in the aforementioned round by checking if the skill matches based upon its category and name, the check through is done again. But this time, if a skill that you have is within the same category that a skill associated with a project has, then that project is matched to you. A skill will not have to also match the name of the skill. Just the category.

### Viewing a Specific Project

The project proposals will be listed by title, will display the date they were posted on, and each one will offer a view button. If you click on view, a window will pop up giving you all of the information on that specific project.



Pop up window containing the information of a specific project within the Student Projects Page

You can exit out of this window by scrolling down and clicking on the Close button.

# **Submitting a New Project Proposal**

To submit your own project proposal, click on the New Project button located next to the search bar. A window will pop up with empty fields prompting you to provide all of the necessary information on your new project idea. This information includes:

• Title: A title for your project or product idea.

• Start Date: The date for when the work on your project will begin.

• End Date: The date for which you want your project to be completed.

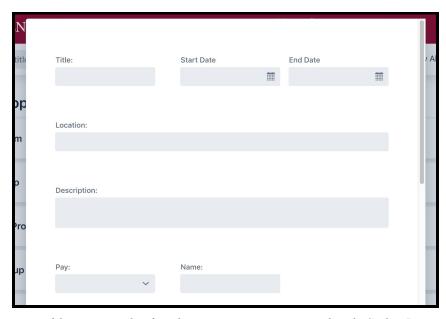
• Location: The location for which the work on the project will be done.

• Description: A description of your project idea.

• Pay: Whether or not you will provide compensation for work on this project.

• Name: Your name.

• Skills: A list of skills you're looking for in students to work on this project.

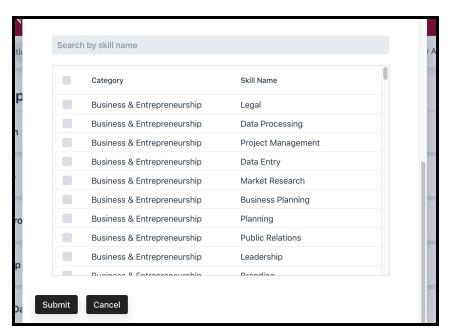


First portion of the pop up window for submitting a new project proposal on the Student Projects Page

Enter the title, location, description, and name by typing those into their respective fields. When you click on the Start Date and End Date, a calendar box will appear.



Calendar box used for selecting dates in the pop up window for submitting a new project proposal on the Student Projects Page Scroll through these boxes to select your date, scrolling up to move into previous months, and scrolling down to move into upcoming months. To jump quickly into another year, move your cursor into the right gray portion of the calendar box where the years are, and scroll up and down in there. Once you've scrolled to your desired time frame, pick a date by clicking on a date in the calendar. Select whether or not you're offering pay by clicking on the field and selecting one of the three options.



Second portion of the pop up window for submitting a new project proposal on the Student Projects Page

If you're looking for specific skills, you can type it into the search bar and hit Enter. Then you can select the skill by clicking the gray box next to it. Get the entire list of skills back by clearing the search bar and hitting Enter. If you don't know exactly what skills you need, browse through the list of skills and click them off as you go through. Once you've thoroughly filled out each

field, click on the Submit button. If you want to abort and close out of the new project proposal pop up window at any time, simply scroll down and click the Close button. If you want to continue with submitting the project but you didn't enter all of the information, an error message will appear and you'll need to scroll back up and make sure you've filled everything out. Once you've done that and you've clicked Submit, the pop up window will close and a message will appear telling you that you've successfully submitted a project and that a Dyer Center Employee will review it soon. Your project will not automatically appear in the project list, as it needs to be approved by the Dyer Center first.

## **Events**

Move to the Events page by clicking on the Events item in the Control Panel. The Events page displays a calendar containing all of the events hosted by the Dyer Center.



Student Events Page

Switch to view past or upcoming months by using the < and > buttons located in the top left corner of the screen. Click the Today button to return to the current month.

# **Viewing Events**

Get more information on a specific event in the calendar by clicking on it. When you click on an event, a window will pop up containing the title of an event, its location, a description, and the time. Exit this pop up window by clicking anywhere outside of it on the screen.



Pop up window containing information on a specific event from the calendar on the Student Calendar Page

# Alumni

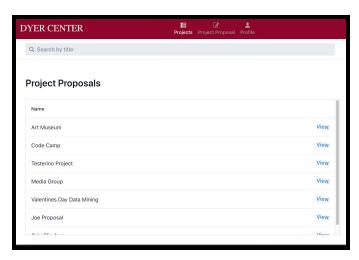
When you arrive at the Alumni page of the web app, you'll be greeted with a short welcome message that will instruct you to choose an item from the Control Panel at the top of the screen. Click anywhere to close out of the welcome message. Use the Control Panel to move back and forth between the three different pages, Projects, Project Proposal, and Profile at any time.



Control Panel at the top of the Alumni Page

# **Projects**

Move to the Projects page by clicking on the Projects item in the Control Panel.

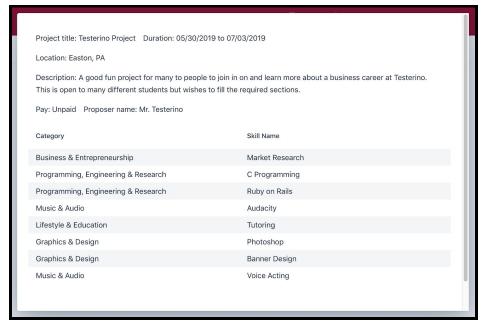


Alumni Projects Page

The projects page will display a list of all of the entrepreneurial and innovative projects that the Dyer Center are currently sponsoring. If you want to find a specific project proposal, you can search for it by title using the search bar at the top of the screen.

# Viewing a Project

The project proposals will be listed by title, and each one will offer a view button. If you click on view, a window will pop up giving you all of the information on a specific project.



Pop up window containing the information of a specific project within the Alumni Projects Page

You can exit out of this window by scrolling down and clicking on the Close button.

# **Project Proposal**

To submit your own project proposal, click on the Project Proposal item in the Control Panel. This will take you to a new field with empty fields prompting you to provide all of the necessary information on your new project idea. This information includes:

• Title: A title for your project or product idea.

• Start Date: The date for when the work on your project will begin.

• End Date: The date for which you want your project to be completed.

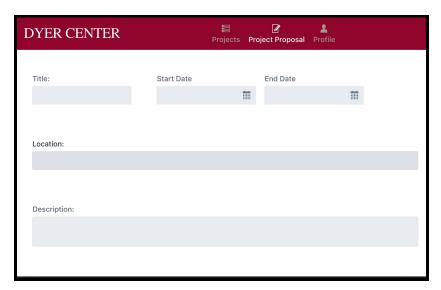
• Location: The location for which the work on the project will be done.

• Description: A description of your project idea.

• Pay: Whether or not you will provide compensation for work on this project.

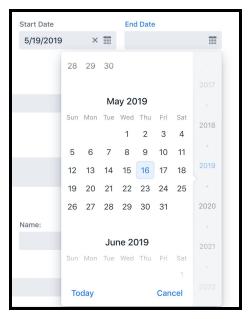
• Name: Your name.

• Skills: A list of skills you're looking for in students to work on this project.



First portion of the Alumni Project Proposal Page

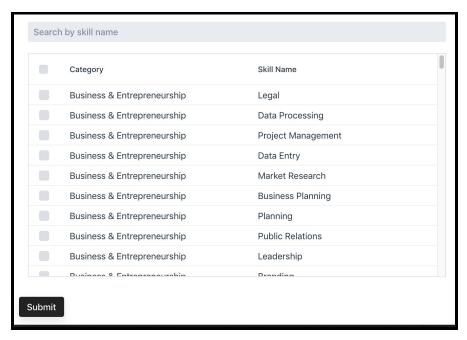
Enter the title, location, description, and name by typing those into their respective fields. When you click on the Start Date and End Date, a calendar box will appear.



Calendar box used for selecting dates in the Alumni Project Proposal Page

Scroll through these boxes to select your date, scrolling up to move into previous months, and scrolling down to move into upcoming months. To jump quickly into another year, move your cursor into the right gray portion of the calendar box where the years are, and scroll up and down in there. Once you've scrolled to your desired time frame, pick a date by clicking on a date in the

calendar. Select whether or not you're offering pay by clicking on the field and selecting one of the three options.



Second portion of the Alumni Project Proposal Page

If you're looking for specific skills, you can type it into the search bar and hit Enter. Then you can select the skill by clicking the gray box next to it. Get the entire list of skills back by clearing the search bar and hitting Enter. If you don't know exactly what skills you need, browse through the list of skills and click them off as you go through. Once you've thoroughly filled out each field, click on the Submit button. If you want to abort and close out of the new project proposal pop up window at any time, simply scroll down and click the Close button. If want to continue with submitting the project but you didn't enter all of the information, an error message will appear and you'll need to scroll back up and make sure you've filled everything out. Once you've done that and you've clicked Submit, the pop up window will close and a message will appear telling you that you've successfully submitted a project and that a Dyer Center Employee will review it soon. Your project will not automatically appear in the project list, as it needs to be approved by the Dyer Center first.

### **Profile**

Move to the Profile page by clicking on the Profile item in the Control Panel. Your profile page simply holds your basic information, your name and email.



Alumni Profile Page

# **Dyer Center Employee**

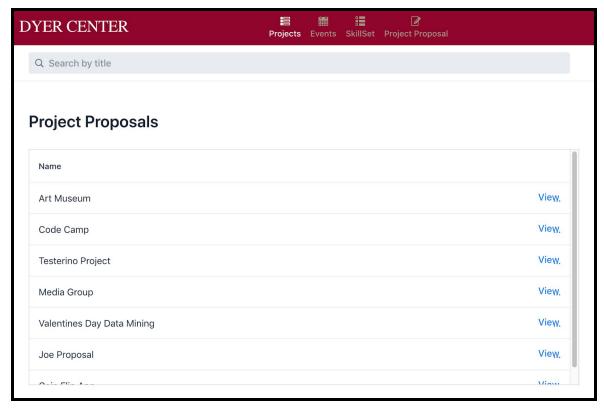
When you arrive at the Dyer Center Employee page of the web app, you'll be greeted with a short welcome message that will instruct you to choose an item from the Control Panel at the top of the screen. Click anywhere to close out of the welcome message. Use the Control Panel to move back and forth between the four different pages, Projects, Events, and SkillSet, and Project Proposal at any time.



Control Panel at the top of the Dyer Center Employee Page

# **Projects**

Move to the Projects page by clicking on the Projects item in the Control Panel.

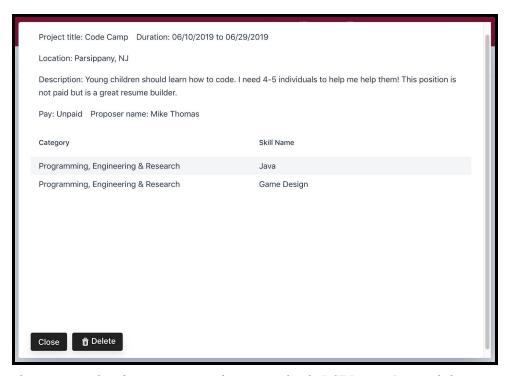


Dyer Center Employee Project Page

The projects page will display a list of all of the entrepreneurial and innovative projects that you at the Dyer Center are currently sponsoring. These are all of the projects that Students and Alumni are able to see on their pages of this application. Find a specific project in the list by searching by title using the search bar at the top of the screen.

# Viewing and/or Deleting a Project

The project proposals will be listed by title, and will offer a view button. If you click on view, a window will pop up giving you all of the information on that specific project.



Pop up window containing the information on a specific project within the DCE Projects Page, with the option to delete it

At the bottom of this window, there are two buttons giving you two different options. The first button, the Close button, will allow you to exit the pop up window and return to the Projects page. The second button, the Delete button, will delete the project from your Projects page. It will also delete the project from the database, meaning that it won't appear on the Student and Alumni Project pages, and that students won't be matched to it.

### **Events**

Move to the Events page by clicking on the Events item in the Control Panel. The Events page displays a calendar containing all of the events hosted by the Dyer Center. Switch to view past or upcoming months by using the < and > buttons located in the top left corner of the screen. Click the Today button to return to the current month view.



Dyer Center Employee Events Page

# **Adding Events**

Add an event to the calendar by clicking on the Add an Event button. When you click this, a window will pop up empty fields prompting you to provide all of the necessary information on an event. This information includes:

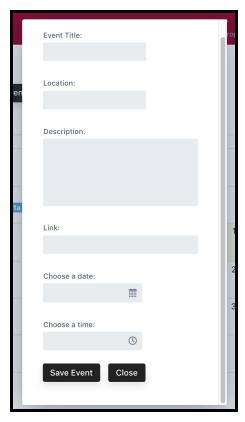
• Title: A title for your project or product idea.

Location: The location of the event.Description: A description of the event.

• URL: A URL link to more information.

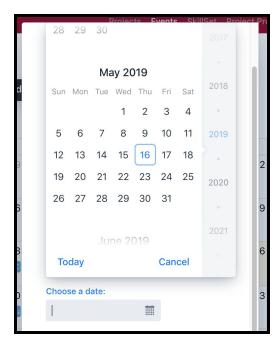
• Date: The date of the event.

• Time: The time at which the event will start.



The pop up window for adding a new event to the calendar on the Dyer Center Employee Events Page

Enter the title, location, description, and URL by typing those into their respective fields. When you click on the date field, a calendar box will appear.



Calendar box used for selecting dates in the Alumni Project Proposal Page

Scroll through these boxes to select your date, scrolling up to move into previous months, and scrolling down to move into upcoming months. To scroll quickly into another year, move your cursor into the right gray portion of the calendar box where the years are, and scroll up and down in there.

Once you've thoroughly filled out each field, click on the Save Event button. If you want to abort and close out of the new event window at any time, simply scroll down and click the Close button. If want to continue with submitting the project but you didn't enter all of the information, an error message will appear and you'll need to scroll back up and make sure you've filled everything out. Once you've done that and you've clicked Save Event, the pop up window will close and you can see your new event in the calendar. This event will also now appear calendar that the students can view on their end of the application.

# Viewing and/or Removing Events

Get more information on a specific event in the calendar by clicking on it. When you click on an event, a window will pop up containing the title of an event, its location, a description, and the time. Exit this pop up window by clicking anywhere outside of it on the screen.

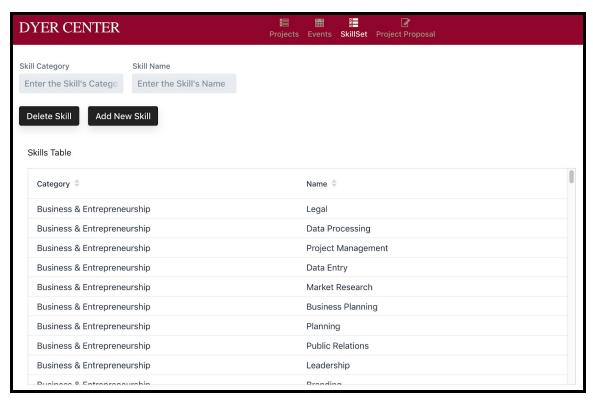


Pop up window containing the information on a specific event within the Dyer Center Employee Events Page

As a Dyer Center Employee, you also have the option to remove an event from the calendar. Do so by clicking on the Remove this event button the bottom of the pop up window. Removing an event from your calendar will also remove it from the calendar that the students can view on their end of the application.

### SkillSet

Move to the SkillSet page by clicking on the SkillSet item in the Control Panel.



Dyer Center Employees SkillSet Page

This page displays a list of all of the skills present within the system. These are the skills available to Students when they're building their profiles, available to Students and Alumni when they're submitting a project proposal, and the basis on which students are matched to projects. You can sort the list alphabetically by Category, or by Name by clicking on either one.

## **Adding/Deleting Skills**

Add or Delete a skill by typing the skill's category, and name into the respective fields in the top left corner of the screen. After that, click on the Add New Skill or Delete Skill button to complete your intended action. If you try to add a skill and it already exists in the list or delete a skill that doesn't exist in the list, a window will pop up informing you of this.

# **Project Proposal**

When a Student or Alumni submit a project proposal, an email will be sent to your Lafayette Gmail account containing all of the necessary information for a project. Once you've reviewed their proposal, you can officially click on the Project Proposal item in the Control Panel to move to the page to officially enter the project into the application. This will take you to a new page with empty fields prompting you to provide all of the necessary information on your new project idea. This information includes:

• Title: A title for the project or product idea.

Start Date: The date for when the work on the project will begin.
End Date: The date for which the project is to be completed.

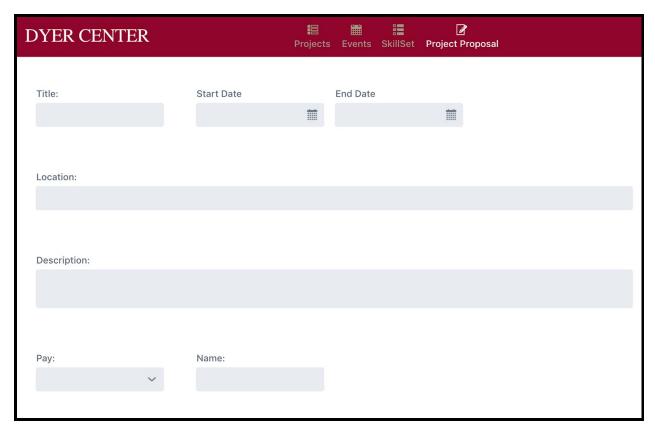
• Location: The location for which the work on the project will be done.

• Description: A description of the project idea.

• Pay: Whether or not compensation will be provided for work on this project.

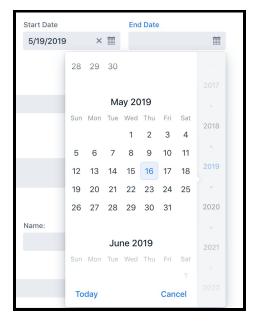
• Name: The name of the student or alumni who submitted the proposal.

• Skills: A list of skills they're looking for in students to work on this project.



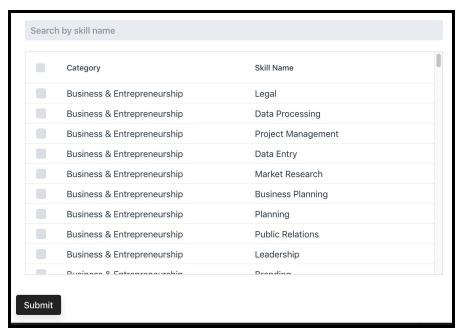
First portion of the Alumni Project Proposal Page

Enter the title, location, description, and name by typing those into their respective fields. When you click on the Start Date and End Date, a calendar box will appear.



Calendar box used for selecting dates in the Dyer Center Employee Project Proposal Page

Scroll through these boxes to select your date, scrolling up to move into previous months, and scrolling down to move into upcoming months. To jump quickly into another year, move your cursor into the right gray portion of the calendar box where the years are, and scroll up and down in there. Once you've scrolled to your desired time frame, pick a date by clicking on a date in the calendar. Select whether or not you're offering pay by clicking on the box and selecting one of the three options.



Second portion of the Dyer Center Employee Project Proposal Page

Type a specific skill or category of skills into the search bar and hit Enter. The list will then be shortened and you can select the skill by clicking the gray box next to it. Get the entire list of skills back by clearing the search bar and hitting Enter.

Once you've thoroughly filled out each field, click on the Submit button. If you want to abort and close out of the new project proposal pop up window at any time, simply scroll down and click the Close button. If want to continue with submitting the project but you didn't enter all of the information, an error message will appear and you'll need to scroll back up and make sure you've filled everything out. Once you've done that and you've clicked Submit, the pop up window will close and a message will appear telling you that you've successfully submitted a project.

When you add a project here, it will be added to the database, will appear on the Student and Alumni ends of the application, and will get matched to students.