

CONNECT

BY LOW INCOME & MINORITIES IN EDUCATION

MAKING DREAMS ACCESSIBLE

BY ASSISTING LOW-INCOME AND MINORITY STUDENTS

IN FINDING AND EXPLORING THEIR PASSIONS

INSTITUTIONAL RACISM AND CLASSISM CREATE
UNIQUE BARRIERS FOR LOW-INCOME AND
MINORITY STUDENTS, ISOLATING THEM FROM
INFORMATION AND OPPORTUNITIES THAT
COULD PROPEL THEIR CAREERS

OUTLINE

VIDEO

DESIGN EVOLUTION

CURRENT UI

FUTURE ENHANCEMENTS

SUMMARY

VIDEO
(OPEN IN QUICKTIME)



“TEACHERS NEED TO
KNOW HOW TO USE TECH.
IF TEACHERS DON’T
KNOW, THEN STUDENTS
WON’T KNOW.”



“YOU CAN’T MAKE EVERY
CHILD BE A COMPUTER
SCIENTIST”

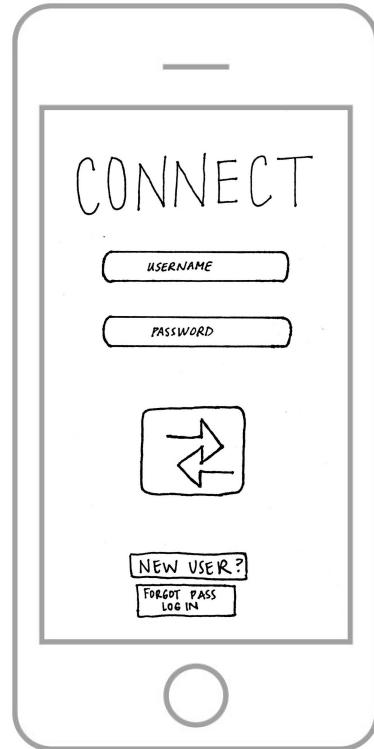


“THE BEST WAY TO KEEP KIDS WITH DIFFERENT LEVELS OF PROFICIENCY MOTIVATED IS TO HAVE WELL PREPARED LECTURES.”

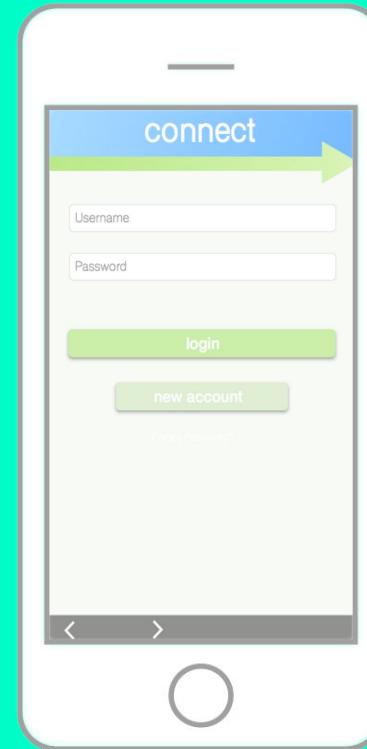


“SEEING LOW INCOME MINORITY COLLEGE STUDENT EXCEL IS MORE INSPIRING THAN SEEING/HEARING FROM SUCCESSFUL ADULTS IN THE WORKFORCE.”

LO-FI



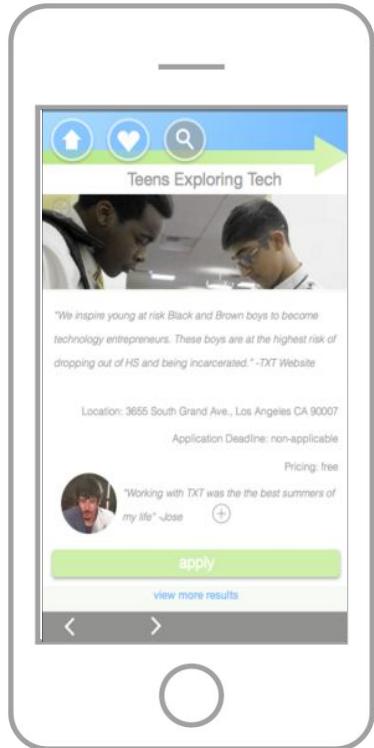
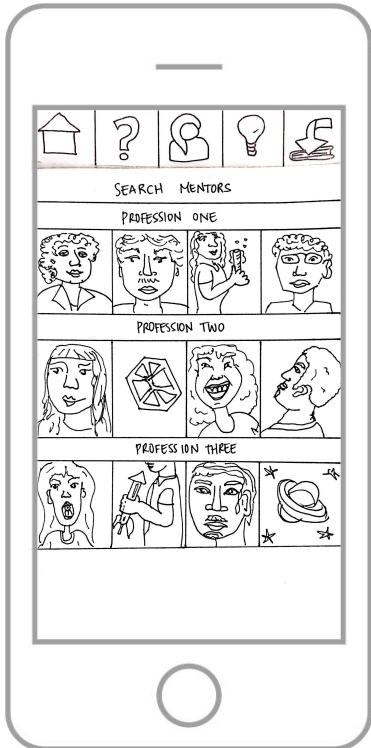
MEDIUM-FI



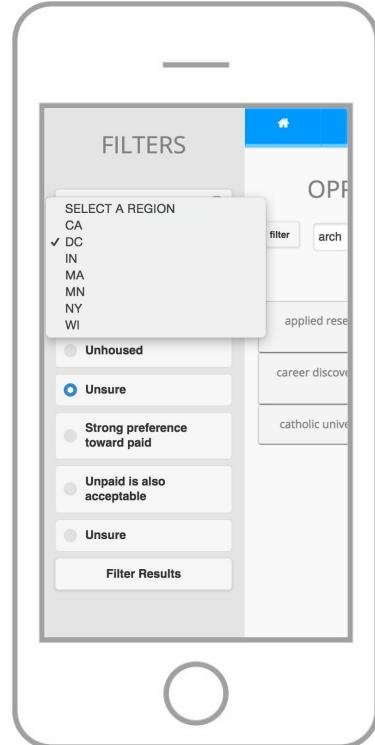
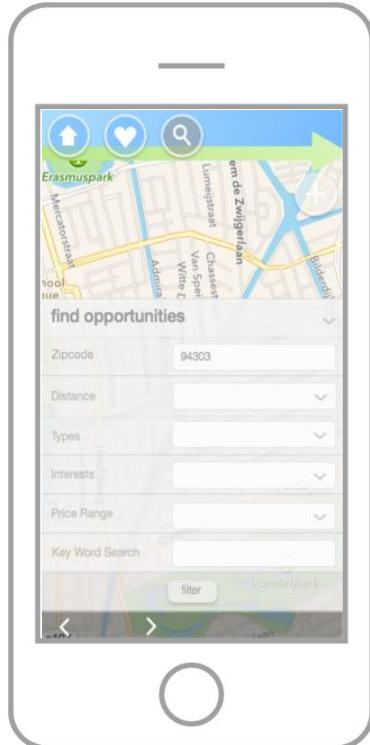
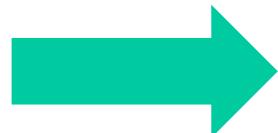
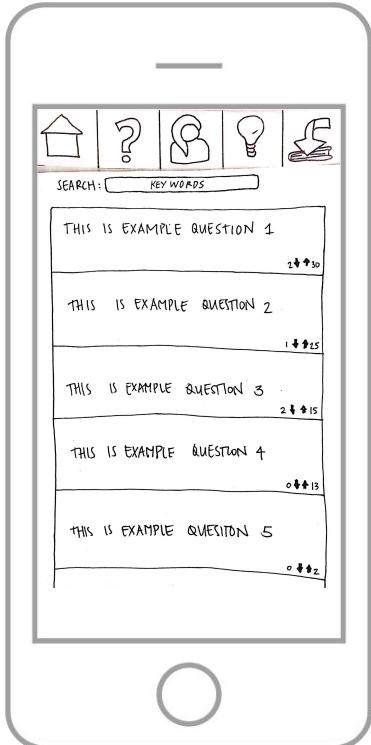
MAJOR DESIGN CHANGE #1: MORE SELF-EXPLANATORY ICONS



MAJOR DESIGN CHANGE #2: FOCUS ON PEER EXPERIENCES RATHER THAN MENTORS



MAJOR DESIGN CHANGE #3: FOCUS ON CONNECTING WITH OPPORTUNITIES



SIMPLE TASK: TAKE A PROFESSIONAL QUIZ

Students answer a set of questions regarding their interests to serve them better opportunities

The screenshot shows a mobile application interface with a blue header bar containing icons for home, bag, search, and back. The main content area has a white background with a light gray border. At the top, it says "PROFESSIONS QUIZ". Below that is a question: "would you want your future career to involve the following categories?". There are four sections, each with a title and a list of activities, followed by a "No" button, an "Unsure" button, and a "Yes" button.

- SPEAKING**
negotiation, presentations, explaining
- PERSUADING**
negotiation, inspiring, motivating, arguing
- TAKING INITIATIVE**
taking charge, coming up with your own ideas
- ANALYZING**
interpreting data, putting information together
- CREATING**
using creativity and/or logic in art, engineering,

Annotations on the right side:

- A red arrow points to the first section (SPEAKING) with the text "Basic questions any student can answer".
- A red arrow points to the second section (PERSUADING) with the text "Quizzes go fast with simple answer inputs".

SIMPLE TASK: TAKE A PROFESSIONAL QUIZ

Students answer a set of questions regarding their interests to serve them better opportunities

The image shows a mobile application interface with a white background and a blue header bar. It lists five personality traits with a "Unsure" button highlighted in blue:

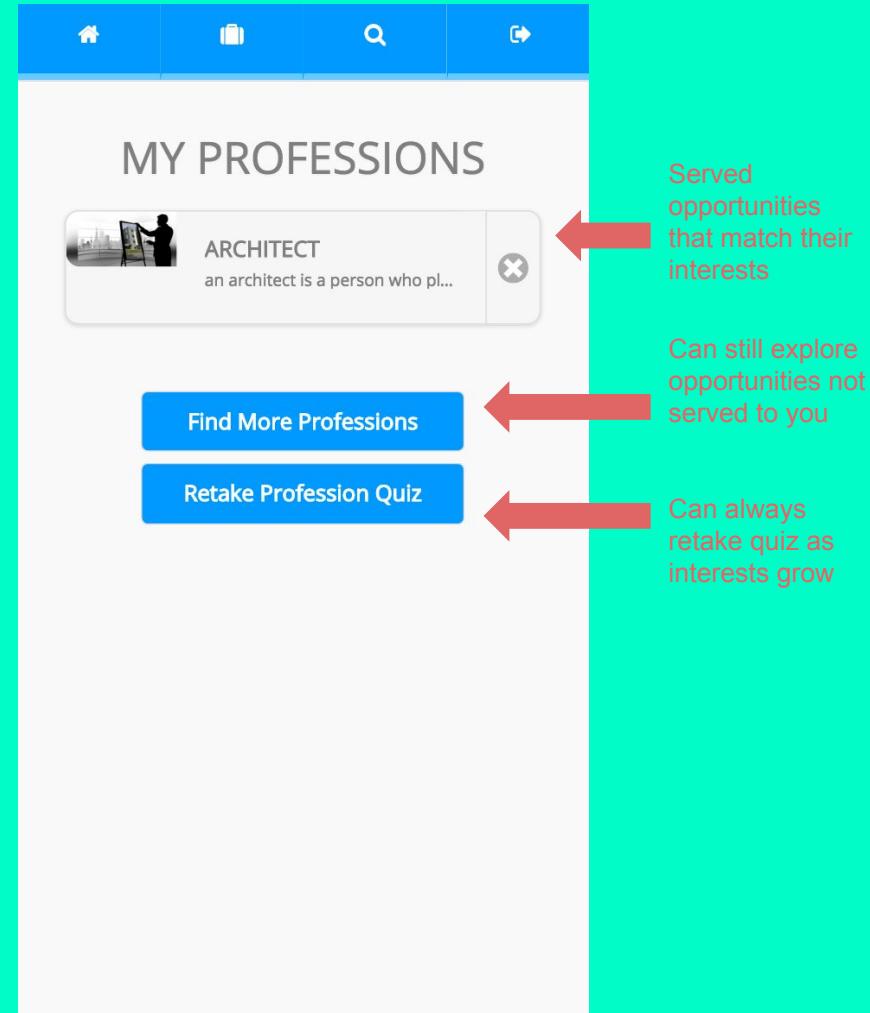
- ORGANIZING**: planning, scheduling, doing things in a logical manner. Button options: No, Unsure (highlighted), Yes.
- TEAMWORK**: cooperating with others, sharing ideas. Button options: No, Unsure (highlighted), Yes.
- INVESTIGATING**: determining cause and effect, observing things closely. Button options: No, Unsure (highlighted), Yes.
- BUILDING**: working on existing projects or starting from scratch. Button options: No (highlighted), Unsure, Yes.
- WRITING**: reports, essays, books, articles, explanations, scripts, advertisements, etc. Button options: No, Unsure (highlighted), Yes.

At the bottom is a large "Submit Answers" button. A red arrow points to this button from the bottom right, and the text "Once finished, submit to see matches" is written in red next to the arrow.

Once finished,
submit to see
matches

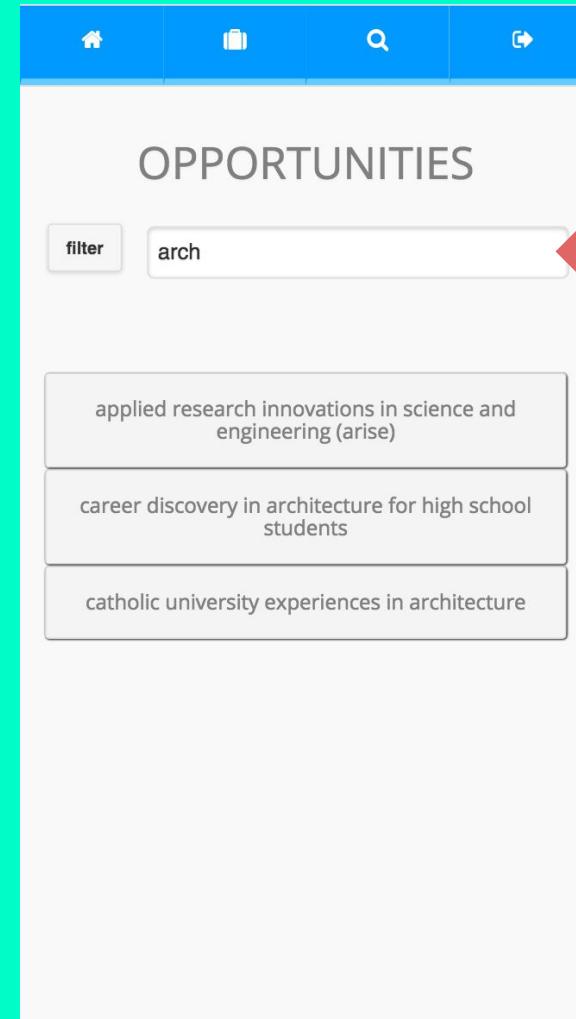
SIMPLE TASK: TAKE A PROFESSIONAL QUIZ

Students answer a set of questions regarding their interests to serve them better opportunities



MEDIUM TASK: FIND AN OPPORTUNITY

Students can search and filter for opportunities that fit their needs and interests



Simple
search and
filter feature

MEDIUM TASK: FIND AN OPPORTUNITY

Students can search and filter for opportunities that fit their needs and interests

The screenshot shows a mobile application interface with a light gray background. At the top, there is a blue header bar with a white house icon and some partially visible text. Below the header, the word "FILTERS" is displayed in large, bold, black capital letters. A modal window is open, titled "SELECT A REGION". Inside this window, there is a list of regions with checkboxes: CA (unchecked), DC (checked with a checkmark), IN (unchecked), MA (unchecked), MN (unchecked), NY (unchecked), and WI (unchecked). Below this list is a section titled "Unhoused" containing three radio button options: "Unhoused" (unchecked), "Unsure" (checked with a blue outline), and "Strong preference toward paid" (unchecked). Further down is a section titled "Unpaid is also acceptable" with two radio button options: "Unpaid is also acceptable" (unchecked) and "Unsure" (unchecked). At the bottom of the modal is a white button labeled "Filter Results". To the right of the modal, there is a vertical sidebar with the word "OPP" at the top, followed by several categories: "filter", "arch", "applied rese", "career discove", and others that are mostly cut off. A red arrow points from the text "Narrow results by filtering to show best fit" to the "Unsure" radio button in the "Unhoused" section.

FILTERS

SELECT A REGION

CA
✓ DC
IN
MA
MN
NY
WI

Unhoused

Unsure

Strong preference toward paid

Unpaid is also acceptable

Unsure

Filter Results

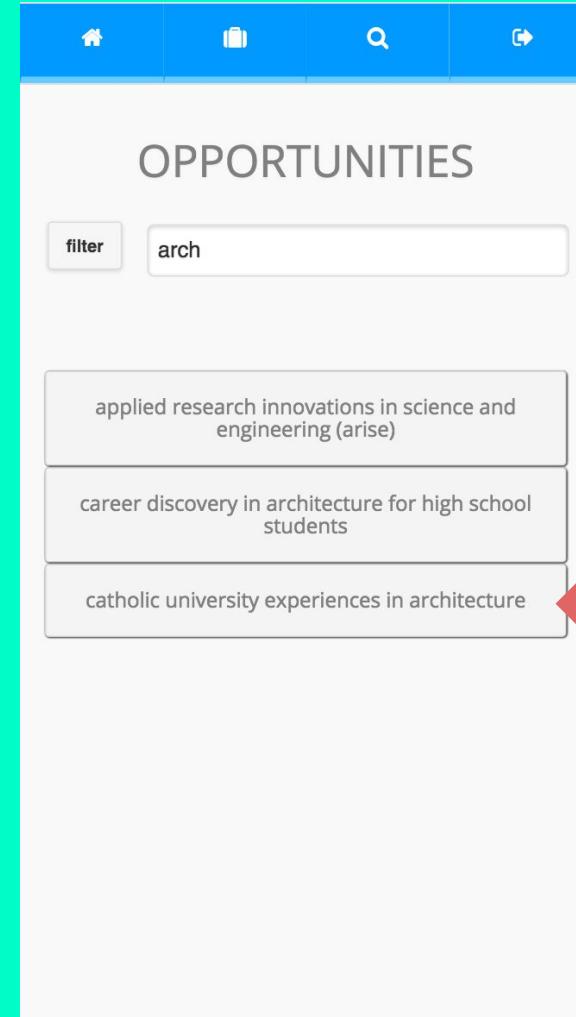
OPP

filter arch applied rese career discove

Narrow results by filtering to show best fit

MEDIUM TASK: FIND AN OPPORTUNITY

Students can search and filter for opportunities that fit their needs and interests



Students can click on opportunities to find out more

MEDIUM TASK: FIND AN OPPORTUNITY

Students can search and filter for opportunities that fit their needs and interests

The screenshot shows a mobile application interface for searching opportunities. At the top, there are four icons: a house, a briefcase, a magnifying glass, and a refresh arrow. Below this, the title "CATHOLIC UNIVERSITY EXPERIENCES IN ARCHITECTURE" is displayed, followed by the role "ARCHITECT". A thumbnail image of a building is shown. Under the heading "information", there are several filters: a dollar sign icon labeled "free", a bed icon labeled "unhoused", and a money bag icon labeled "unpaid". Below these are icons for location ("DC"), status ("app incomplete" with a checkmark), and date ("01-06-16"). A red arrow points from the text "Can find opportunities that match their needs" to the "unhoused" filter. A detailed description of the opportunity follows: "an intense three-week workshop designed for students interested in architecture that exposes them to both the academic and professional side of the field." At the bottom, there are three blue buttons: "add review", "apply to program", and "add to my programs". A red arrow points from the text "Can apply directly to the program from our interface, or save for later" to the "apply to program" button.

CATHOLIC UNIVERSITY EXPERIENCES IN ARCHITECTURE

ARCHITECT

information

\$ free ⚖ unhoused 💰 unpaid

DC app incomplete 01-06-16

an intense three-week workshop designed for students interested in architecture that exposes them to both the academic and professional side of the field.

add review

apply to program

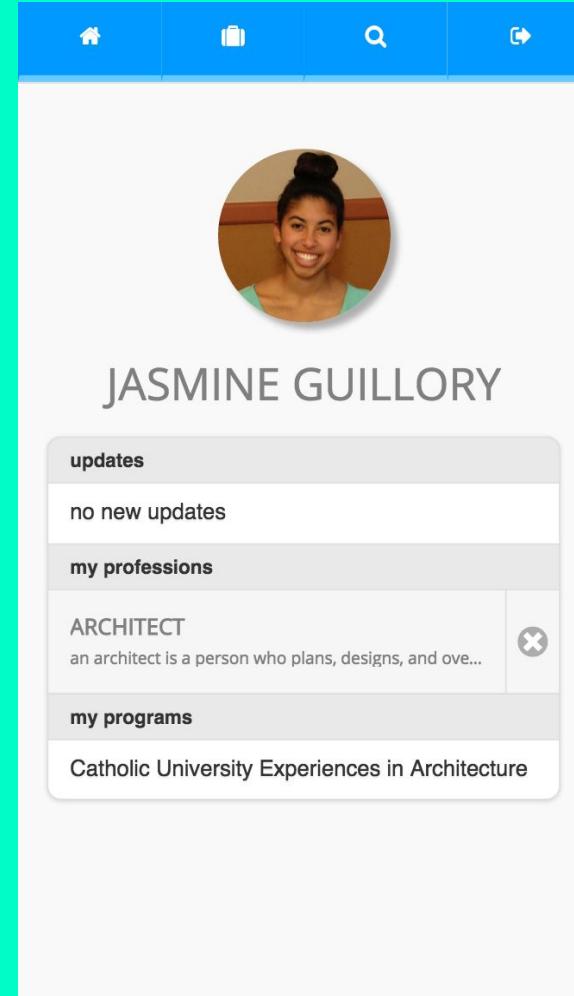
add to my programs

Can find opportunities that match their needs

Can apply directly to the program from our interface, or save for later

MEDIUM TASK: FIND AN OPPORTUNITY

Students can search and filter for opportunities that fit their needs and interests



Opportunities
saved to
home page

COMPLEX TASK: WRITE A REVIEW

Student can review opportunities so other students can make more informed choices

The smartphone screen shows a mobile application interface for a program titled "CATHOLIC UNIVERSITY EXPERIENCES IN ARCHITECTURE". The title is at the top, followed by the category "ARCHITECT". Below the category is a small thumbnail image of a building. To the right of the thumbnail is the word "information". Under "information" are three rows of icons and text: a dollar sign icon labeled "free", a bed icon labeled "unhoused", and a money bag icon labeled "unpaid". The next row contains a globe icon labeled "DC", a checkmark icon labeled "app incomplete", and a calendar icon labeled "01-06-16". Below this section is a descriptive paragraph: "an intense three-week workshop designed for students interested in architecture that exposes them to both the academic and professional side of the field." At the bottom of the screen are three blue buttons with white text: "add review", "apply to program", and "add to my programs". A red arrow points from the text "Tell other students about your experience" to the "add review" button.

CATHOLIC UNIVERSITY EXPERIENCES IN ARCHITECTURE

ARCHITECT

information

\$ free ⚖ unhoused 💰 unpaid

DC app incomplete 01-06-16

an intense three-week workshop designed for students interested in architecture that exposes them to both the academic and professional side of the field.

add review

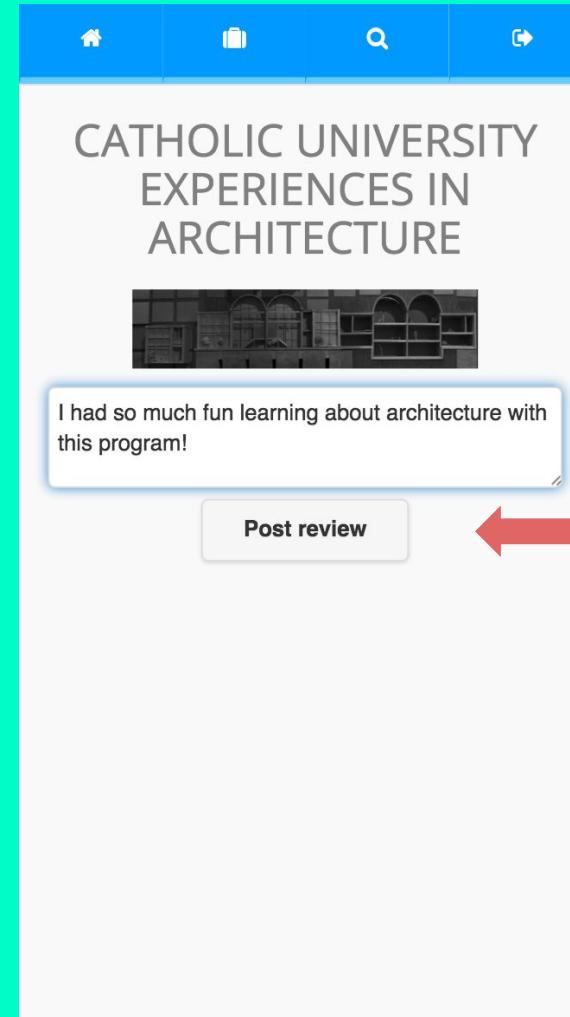
apply to program

add to my programs

Tell other students about your experience

COMPLEX TASK: WRITE A REVIEW

Student can review opportunities so other students can make more informed choices



Post it to the opportunity page so other students can see it

COMPLEX TASK: WRITE A REVIEW

Student can review opportunities so other students can make more informed choices

ARCHITECT



information

\$		
free	unhoused	unpaid
DC	app incomplete	01-06-16

an intense three-week workshop designed for students interested in architecture that exposes them to both the academic and professional side of the field.

REVIEWS

"i had so much fun learning about architecture with this program!"

jasmine guillory

2015-12-06 01:05:03 +0000

[add review](#)

Other students can use your review to judge program

WALKTHROUGH
(OPEN IN QUICKTIME)

WIZARD OF OZ TECHNIQUES / HARD CODED DATA

- PRE-POPULATED SUMMER PROGRAMS
- UPDATES ARE HARD CODED

FUTURE ENHANCEMENTS (PROFESSIONS)

- QUIZ EXACTNESS
- ADD PROFESSIONS
- CREATE PROFESSIONS PAGES

FUTURE ENHANCEMENTS (OPPORTUNITIES)

- CROWDSOURCE SUMMER OPPORTUNITIES
- MORE DIRECTED REVIEW PROCESS
- CLEANER FILTERING PROCESS
- ADD SCHOLARSHIPS

FUTURE ENHANCEMENTS (OTHER)

- BUILD USER COMMUNITY
- MAKE ANNOUNCEMENTS FUNCTIONAL

SUMMARY

- MOTTO: MAKING DREAMS ACCESSIBLE
- CHANGES: ICONS, MENTORS, FOCUS ON OPPORTUNITIES
- TASKS: QUIZ, FIND OPPORTUNITY, WRITE REVIEW
- FUTURE: COMMUNITY, CROWD SOURCING