



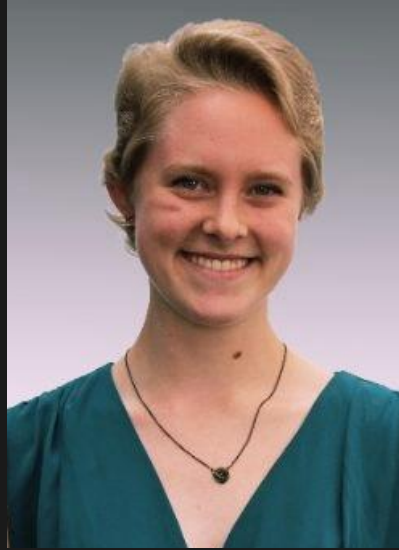
NEEDFINDING

Methodology | Results | Analysis

TEAM MEMBERS



Po Tsui



Bonnie Nortz



Jenny Kim



Grace Hong

EDUCATION OUTSIDE THE CLASSROOM



A background image showing four people in a professional setting. On the left, a man with a beard is seen in profile, looking towards the center. Next to him is a woman with glasses, smiling. To her right is another man, also smiling and looking towards the center. On the far right, a woman is partially visible, looking towards the center. They appear to be in a meeting or collaborative work environment.

GUIDING QUESTIONS

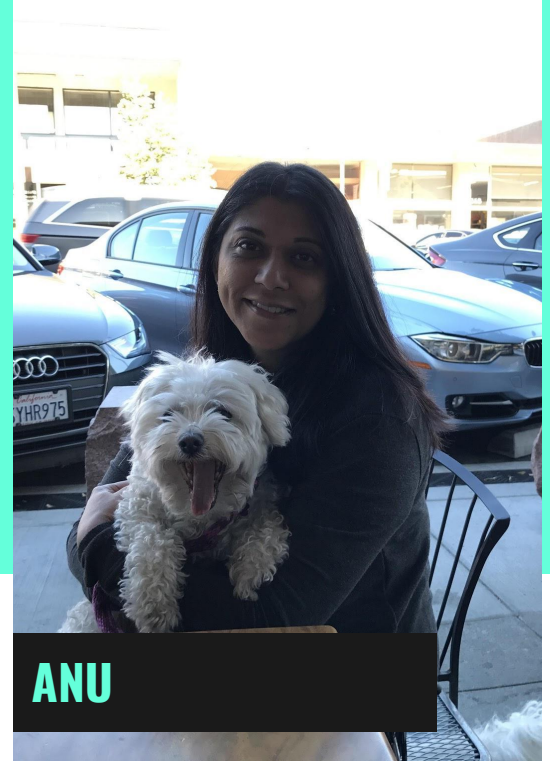
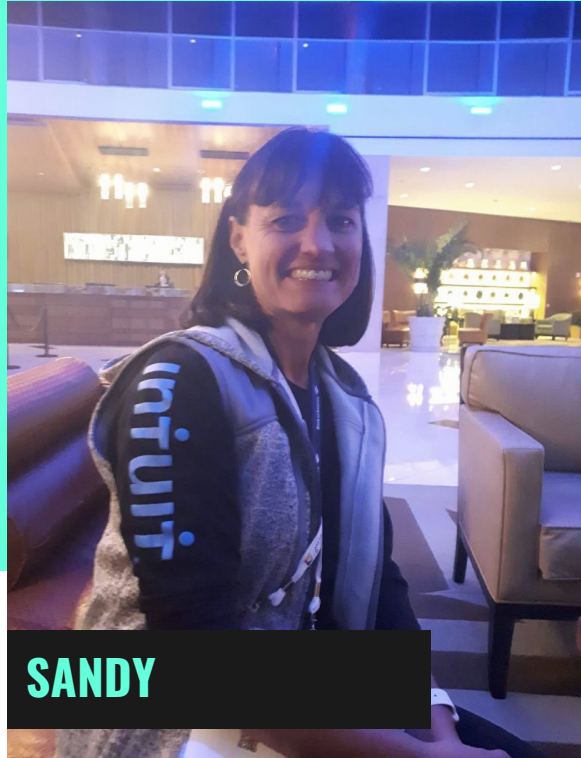
Would you mind sharing a learning experience you had outside the classroom?

What were some differences between your learning experiences within and outside the classroom?

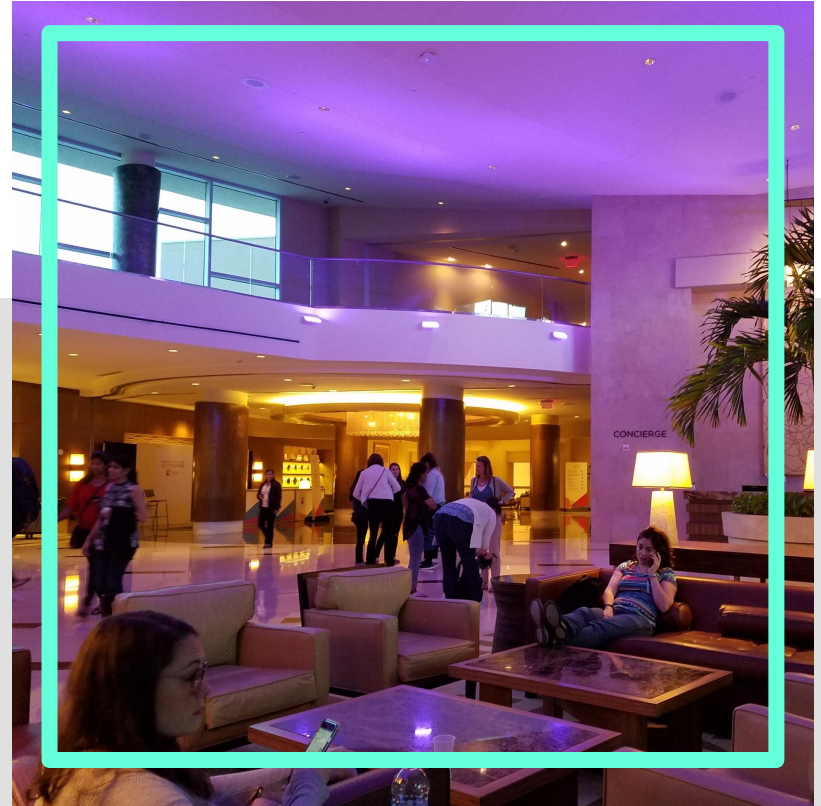
IN-DEPTH QUESTIONS

- Tell us a story about when you learned a skill outside of the classroom
- What was successful / not successful in your experience?
- Have you ever met someone who is not a teacher who taught you something?
- Have you ever taught someone outside of the classroom?
- Have you ever learned something on your own through videos?

PARTICIPANTS



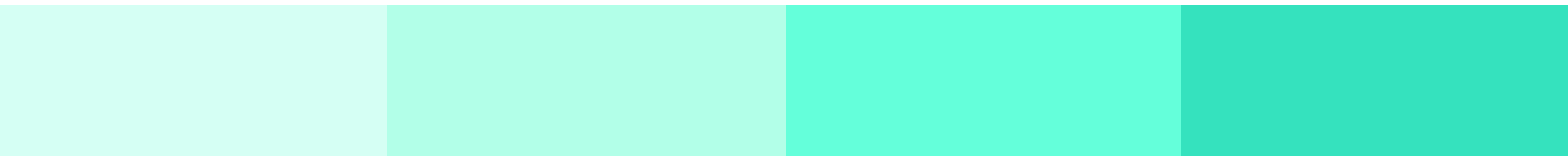
LOCATIONS



RESULTS | SUMIT

Part-timer at start-up, PhD in computer engineering, Bachelors in EE.

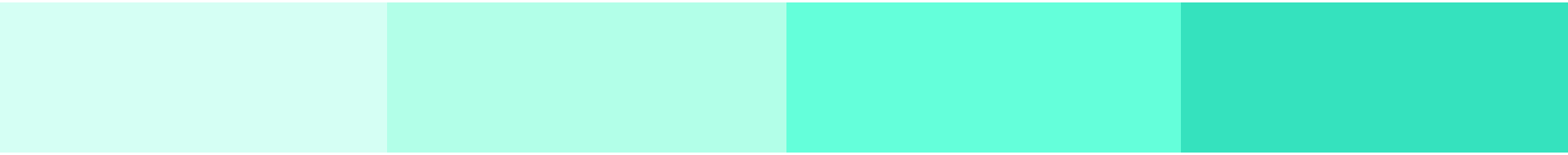
“ Just sitting there and being bombarded with information is not really useful... you don't tend to remember the things that are important, because you do not **know what's important**, it's all new to you. ”



RESULTS | ANU

Bachelors in Ceramic Engineering, Masters in Information Technology

“ When youtube came out, **it was great...**you look at the video and you can see how they're actually doing it ”



RESULTS | ANONYMOUS

Late-middle age with Post-Doctoral degree, mother to a teenaged son.

“People in [their] 60s do want to be engaged, want **to learn**. They are going to live more than 25 years, but they are not going to be monks after.”

RESULTS | SANDY

Communications worker at Intuit, Mother, and Soccer Coach

“ I don’t believe kids should memorize things; they should be taught to be **resourceful, scrappy** and **learn from connecting** with people, especially experts ”

EMPATHY MAP

SAY

“The instructors are all very good, and all very different.”

“Initially I would feel excited, but then a lot of self-doubting”

“You have to experiment...If you try and succeed, fine, if you fail, even better.”

DO

Laughing when mentioning their past degrees don't transfer well to current work

Took some time to think of an answer before responding

Using precise language when making a point

Wanted to impart lessons on younger generations

People need to engage with the material in order to really learn it

Desire to be more independent, self-sufficient

Not afraid to be honest about her struggles, fears, issues with current education system

THINK

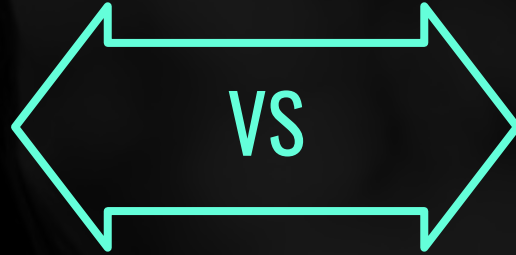
There's value in having interaction while learning (instructor/student, peer/peer)

FEEL

Regret but acceptance that past education didn't transfer well

SURPRISES AND CONTRADICTIONS | SUMIT

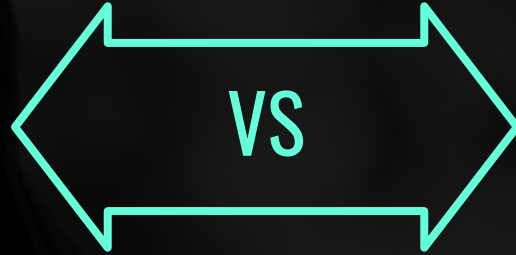
Values live
student -
instructor
interaction



Learns from
YouTube “all the
time”

SURPRISES AND CONTRADICTIONS | ANU

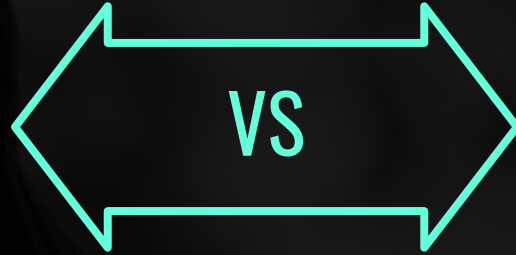
Reinforces that
she “doesn’t do
cooking seriously”



Watches Food
Network, owns many
cookbooks, and took
cooking class at
Google

SURPRISES AND CONTRADICTIONS | SANDY

Decided to coach
daughter's soccer
camp



Didn't know
how to play
soccer

INSIGHTS...

Failure, though seen as undesirable, is **constructive** in learning.



Comfort, familiarity, and **safety** in learning new things

Learn outside the classroom by being resourceful and connecting



A way to connect learning to everyday contexts and people

Identifying what's **important** is crucial to learning lots of **new material**



Way to **determine** what's important and ask the right questions

... AND NEEDS

INSIGHTS...

There are gaps in people's knowledge about **everyday** life skills



A way to **self-learn** life skills that are no longer being taught at home or in the classroom

Free online resources don't have adequate **quality** or **comprehensive** coverage



Get the same **in-class** quality of instruction **outside** of it

... AND NEEDS

IN CONCLUSION

**A LARGE POPULATION OF
OUT-OF-CLASSROOM
LEARNERS**

**OUT-OF-CLASSROOM
RESOURCES THAT INTEGRATE
FAILURE, CONNECTION, INSIGHT**



QUESTIONS