TeachNow: Enabling Realtime 1:1 Help in Massive Online Courses



Artificial Intelligence



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What if a teacher could offer 1:1 help at any moment, whenever their schedule allowed for it, and we could quickly find a student for them to help?

1:1 help from a teacher is the most impactful educational intervention, but extremely challenging to support in MOOCS. Code in Place showed we can get volunteer teachers. We need to balance: coordination across 100+ countries and 24 time zones; teacher free

time is often sporadic and unpredictable; avoid over-promising students.

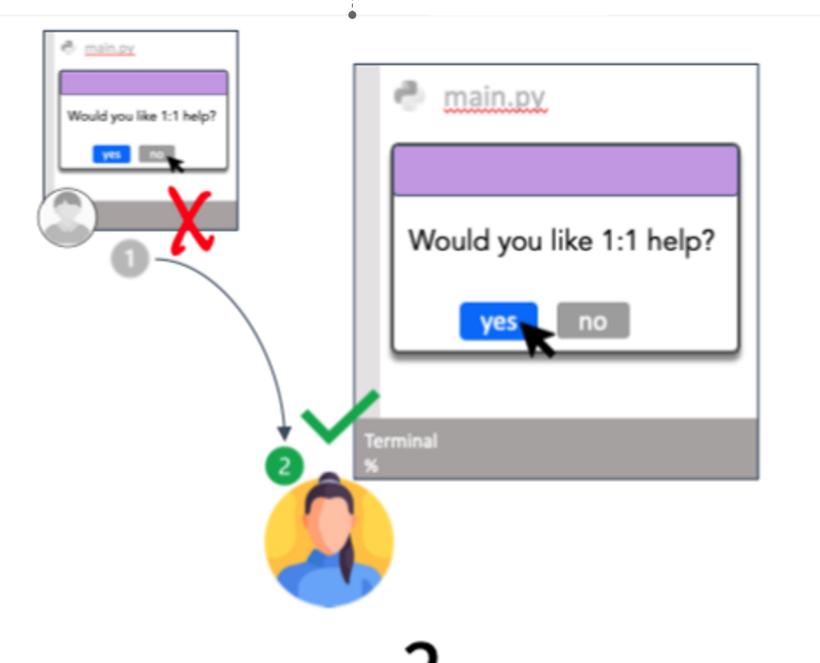
Move away from a model where students side), to instead giving teachers the ability to initiate 1:1 help (supply-side).

Key Insight

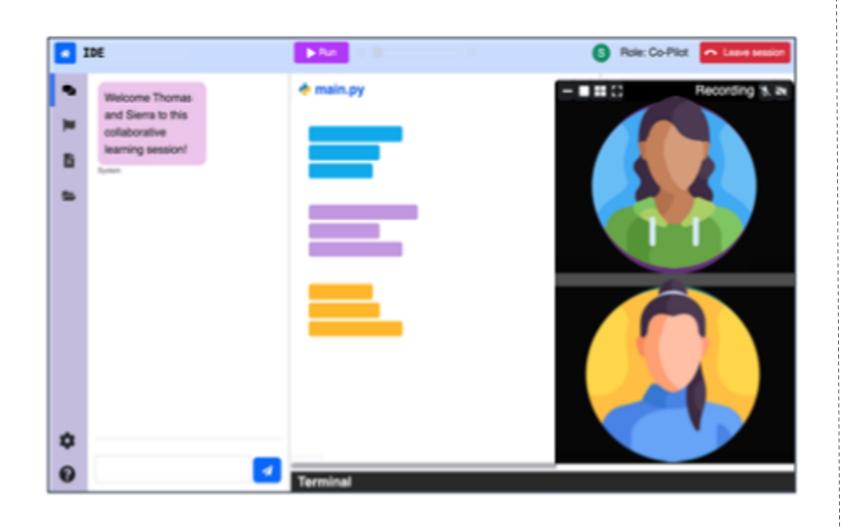
Overview

seek help during allotted times (demand-

A volunteer teacher has 20 mins of spare time and initiates a *TeachNow* session.



Our system finds students who are currently working on an assignment and offers them 1:1 help one at a time, until someone accepts.



The student and the teacher are placed into a virtual room with shared IDE and video.

minutes of 1:1 help

reduction in student drop out rate

countries

"I was on the verge of losing hope of learning Python. This session gave me the necessary encouragement."

