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JynoTeach

JynoTeach.com is a website consisting in large part of a library of JynoLisp lessons. JynoLisp is a scripting language used to develop interactive lessons, which teach math and other subjects. The student runs the JynoLisp Engine (JLE) on a laptop sitting next to the tutor, who runs the Android JLE on a smartphone, in landscape mode. Both the student and the tutor see the same screen, but on different devices.

Business Model

Subscribers pay $18 per year (or perhaps a one-time unlocking fee of $30). Non-subscribers can only run the JLE in single-user mode, not student plus tutor (dual-user mode). Tutors who are subscribers can teach multiple students at once (classroom mode). When in dual-user mode, either the student or the tutor, or both, must be subscribers. Single-user mode scripts are monochrome, text only, and only run on the JynoBoard.

JynoBoard

The JynoBoard is used to teach math. It consists of a grid, in which each character occupies an upper grid square and a lower grid square. Superscipts and subscripts are handled using a vertical offset of one grid square. The JynoBoard and the JLE are implemented using Java, and Bluetooth is used to enable 2 devices to talk to each other.

Implementation Steps

1. Finish JynoLisp syntax checker
2. Implement JynoLisp 0.1 code execution
3. Implement JynoLisp 1.0
4. Implement JynoTags
5. Integrate JynoLisp with JynoTags
6. Develop JynoBoard
7. Port JLE to Android
8. Implement Bluetooth capability
9. Develop website
10. Approach Progress Place to beta test
11. Approach West Neighbourhood House to beta test
12. Implement payments (unlocking)
13. Purchase Google AdWords advertising
14. Launch website
15. Implement user forums
16. Release JynoLisp SDK 1.0
17. Implement JynoLisp Script Library
18. Implement code editor
19. Implement WYSIWYG JynoTags editor
20. Release JynoLisp SDK 2.0
21. Develop JynoTags API for Java
22. Exit strategy: make JLE open source

About Me

I am Mike Hahn, the founder of JynoTeach.com. I was previously employed at [Brooklyn Computer Systems](#) as a Delphi Programmer and a Technical Writer (I worked there between 1996 and 2013). At the end of 2014 I quit my job as a volunteer tutor at [Fred Victor](#) on Tuesday afternoons, where for 5 years I taught math, computers, and literacy, and became a volunteer math/computer tutor at [West Neighbourhood House](#). I quit that job in mid-2019. My hobbies are reading quora.com questions/answers, and news/tech articles on cbc.ca and my Flipboard app. About twice a year I get together with my sister Cathy who lives in Victoria. She comes here or I go out there usually in the summer. A few months prior to starting my JynoTeach project I used to lie on the couch a lot, not being very active. Now I'm busy most of the time. I visit my brother Dave once a month or so and I also visit my friends Main and Steph frequently. For 26 years I was depressed on and off (I'm a rapid cycler), but it largely vanished after I started my JynoTeach project.

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