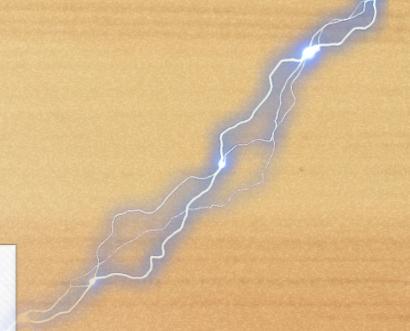
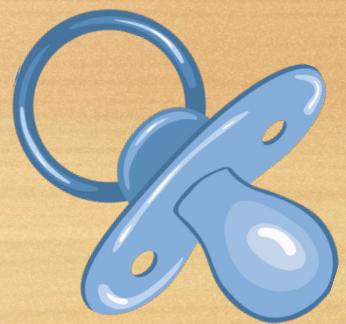
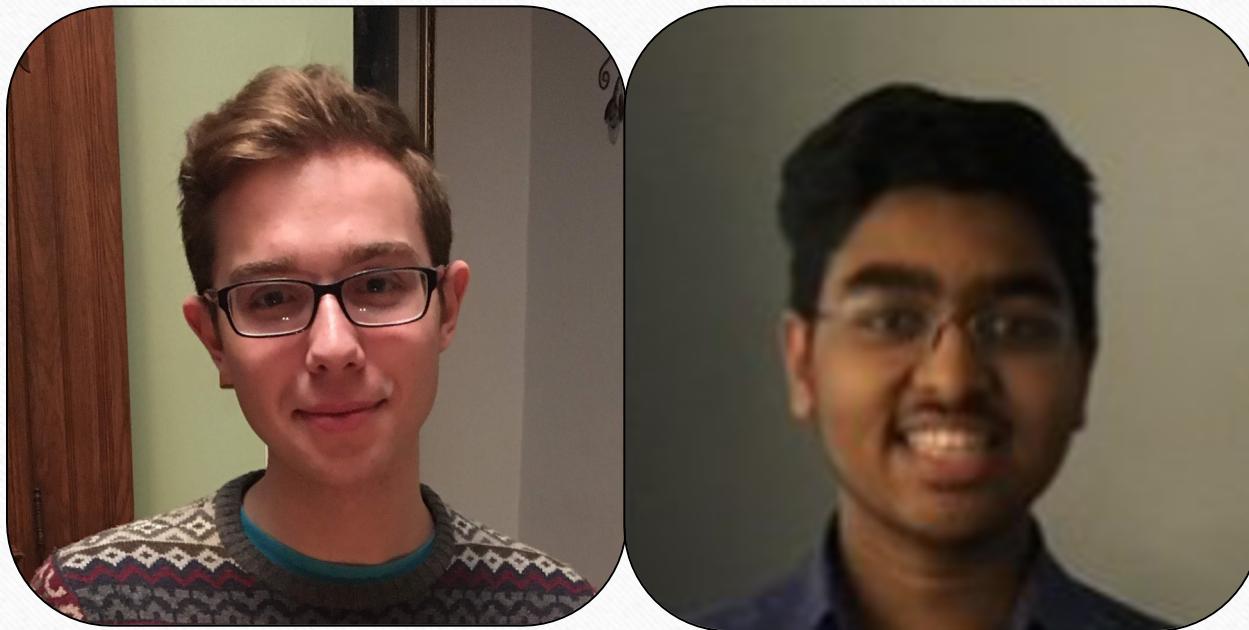


The ARM: Tracking Our Digital Child

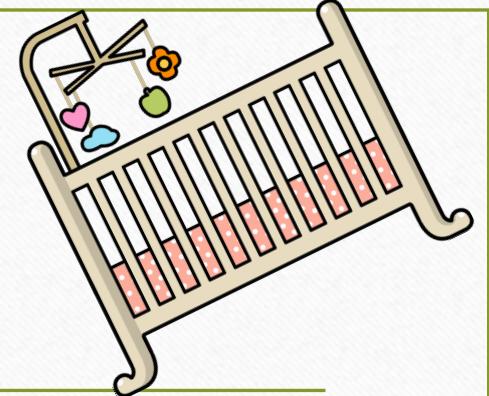
A Scrapbook by Saketh Sitaram and Evan Keeton



The Proud Parents



Summer 2020

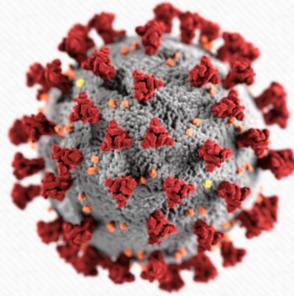


- During the summer, Saketh boosted his Python and HTML skills so that he could give our baby all the nutrition it deserved.
- Evan organized himself and took care of many items, including brushing up on his programming skills, so that he could make time for the baby as it passed through the developmental stages of life.



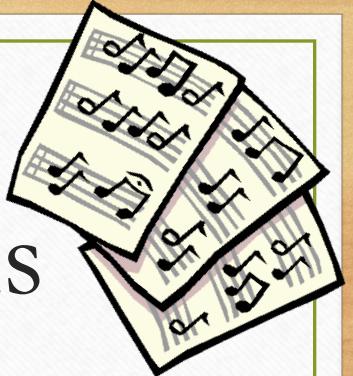


September 2020



- Little bit of a setback. Due to the relentlessness of businesses in failing to get us our quotes, along with the concerns of fostering our child during a pandemic, we made the decision to have it be purely digital, without including a software component.
- We have started talking to our mentors, who will be guiding us throughout these testy times. Let's hope that the baby remains healthy, without any bugs or viruses! Fingers crossed!

Similac®



One Year Down The Line: Predictions

- We expect our child to be well-behaved, who can track when someone plays along with its sheet music live, in real time, and turn the page through intuition.
- We expect it to include a top-notch sheet music editor, all with real-time processing. We are also planning to raise it with the ideals of storage, enabling it with the capability to store sheet music in a vast library.
- We expect it to be cross-platform, working with Windows, Mac OS, and Linux with similar degrees of functionality.



Name!

- After months of serious thought, we have finally chosen a name for our child! **Drumroll please**
- In 9 months, we will hopefully welcome to the family ARM Keeton-Sitaram!
- This name will be most directly correlated with the friendly AI “Arm” integrated into the project, who will both guide the user and manage the library.



In-School Mentor

- Our in-school mentor is Mr. Jaworski, the guitar and music technology teacher at Edison High School. He will be guiding us along the way, ensuring that our baby emerges powerful and useful, with an effective user-interface.



Ultrasound!

- We got our ultrasound! Our first look at our sweet little ARM.

```
↳ app

creation_time    : 2020-09-28T19:32:37.000000Z
handler_name    : Core Media Video
encoder         : Lavc58.35.100 gif
frame= 643 fps=177 q=-0.0 Lsize=   184kB time=00:00:10.71 bitrate=1409.3kbits/s speed=2.95x
video:1837kB audio:0kB subtitle:0kB other streams:0kB global headers:0kB muxing overhead:  0.316094%
Desktop >> open -a Google\ Chrome Untitled.
The file /Users/school/Desktop/Untitled. does not exist.
Desktop >> open -a Google\ Chrome Untitled.gif
Desktop >> cd ~/Documents/GitHub/Assistant-Robotic-Musician/
(master) Assistant-Robotic-Musician >> git co app
Switched to branch 'app'
Your branch is up to date with 'origin/app'.
(app) Assistant-Robotic-Musician >> cd app
(app) app >> la
total 48
drwxr-xr-x  4 school  staff  128B Sep 28 15:34 HTML
-rw-r--r--  1 school  staff  3.5K Sep 28 15:34 index.js
drwxr-xr-x  58 school  staff  1.8K Sep 28 14:28 node_modules
-rw-r--r--   1 school  staff  15K Sep 28 15:34 package-lock.json
-rw-r--r--   1 school  staff  851B Sep 28 15:34 package.json
(app) app >> npm test

> assistant-robotic-musician-app@0.0.0 test /Users/school/Documents/GitHub/Assistant-Robotic-Musician/app
> node-dev index.js

Listening on localhost:8888

Request received for HTML/index.html
Successfully served file HTML/index.html

^C
(app) app >> █

File school@Evans-MacBook-Air-WiFi.local  72.68.17.83  2572MB / 8192MB  23.33  0kB/s  0kB/s  100%
```