Personal Project Special Topics Research Idea List

Supporting STUDENT VOICE + ADVANCED PROJECTS

Recent THINGS STUDENTS HAVE DESIGNED / developed in class

Using DEVELOPER TEAMS to complete Master Works -->

Media Entertainment increases more than 25%, compounding each year ESPECIALLY during Economic Downturns. These Master Works & Personal Projects are significant and could lead to future employment or explain experiences you navigated when answering interview questions. Students in these teams often gain experience in the following roles: Project Manager lead, Producer (Editor), Writer, Sound Designer, Developer (content, gfx, programmer), Talent. A Personal Project can include such in depth works in game, audio, film, animation, program. The following are typical Personal Projects selected by students.

- ☐ Ideation > vector graphic logo & character **sprite sheet** designs
- ☐ Animated **8-bit pixel graphics**, asset library DBs, spritesheets, BLINKIES, character run scenes
- ☐ **Visual Novels** (often programmed in RenPY)
- ☐ **Choose Your Own Adventure** go-to-and-play actionscripting
- ☐ Multitracking Sound & Motion Graphics Video **Lofi Loops** often designed as an animation or pieces moving on a path programmed into Adobe Premiere or Final Cut Pro
- ☐ *My Immigrant Journey,* the *Story of My People*
- ☐ Storyboarding, onion-skinning & **Animatics,**
- ☐ Single Scene animations
- ☐ Artist Mental Health Stories
- ☐ Public Service Announcement: examples include addiction, mental health,
- ☐ Stop motion film using figures, clay, 1d illustration using Light Painting & other Special FX
- ☐ WRITING: Scripts, Screenwriting, Novel Writing
- ☐ Writing a Graphic Novel in Cantonese with illustration
- ☐ Live Action Film ACTING

- ☐ Walk and Talk Podcast or Storytelling
- ☐ 2d, 3d immersive world design
- ☐ Motion graphics leading to animation on a path to tell a story in film
- ☐ C# Programming Controls for non-autonomous Unity / UnReal / Construct / PyGame / GoDot engine game play
- ☐ XYZ **2d/3d** motion gfx, **geometry tweens** for OnShape / AutoCAD for building architecture
- ☐ Original character 3d printing
- ☐ Choose your own Adventure stories interactive Visual Novels & games
- ☐ CONTESTs:
  Halloween Film Festival
  InkTober/BeatOber
  AMES competition entries
  CYA Bay Area Youth Film Contest
- ☐ Original **song or beat** --> hook + Verse 1 + CHORUS + Verse 2 + CHORUS + Bridge + outro
- ☐ **Programming Foundations** --> students do not learn coding from copying, try writing your own or answer your own hypothesis and prove it with your program
- ☐ **Python Animation** -- Scenes programmed in Python, looping mandalas & spyrographs, scenes with moving characters or background effects,
- ☐ Stage Crew running live sound & lights for student event production
- ☐ Producing Defined Parameters in **Sound Editing**
  Immersive Sound for game or Choose Your Own Adventure stories
  Vox & Voice Acting creating an audiobook story
  AI waveforms or programming AI Vocal Riders using algorithms to change the sound into new media assets unrecognizable to the originals, ie sampling using filters to turn sounds inside out like DJ Skrillex who was the first best new artist recognized for this technology talent
- ☐ **Livestreaming**, on-location sound
- ☐ Audio Post - Corridos or Hip Hop videos
- ☐ Business & CONTRACTs

The following are compiled by past students in 2025

- ☐ Ideation Sketchbook filling

- [ ] another Source FilmMaker movie
- [ ] AI Comparative in Python Google code
- [ ] Writing a Novel
- [ ] Novel Writing in your home language (ie. Mandarin)
- [ ] Screenwriting
- [ ] Create your own version of a Game, ie modeling after Snake, 2048, etc
- [ ] Finishing Unity Game (relearning old tech to build the rest)
- [ ] Light Painting in Stop Motion Modeling
- [ ] 3d World Drawing leading to animation about _____ in the style of Primo Victorio Bassline by Sabaton
- [ ] 808 sample chops, beat-making
- [ ] Character illustration
- [ ] Doodle Bob
- [ ] Stop Motion short film
- [ ] PreProduction Storyboard for Animation
- [ ] Special Research Topics, including drawing Animatics for Animating
- [ ] Construct 2 platformer GAME
- [ ] Completing Illustrator sprites for game dev
- [ ] Finishing characters for animations, presented as 10 slides
- [ ] My Lyfe Philosophy, 10 Q&A *Reflections from My Father*
- [ ] My Immigrant Journey Story, *The Story of My People*, images w/ narration, ie. immigration from Honduras, Venezuela, Afghanistan, Iraq, etc
- [ ] Neighborhood *Found Art* chapbook, ie RichCity
- [ ] Create and Plan a Mural
- [ ] Create and plan