Tools and Tips for Creating Training Videos

Session Description

In a world full of remote work, distributed teams, and creators, recording your workflows has become an essential skill to have. Searching for how to do this will yield a variety of results. Some paid, some free, and everything in between.

In this class, we will learn great ways to create great-looking training content that is easy to follow.

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In this class, we will learn great ways to create great-looking training content that is easy to follow.

Who am I?

johnPierson

Design Technology Specialist - Parallax Team
Content Creator - Design Tech Unraveled

and the rest of the team I get to work with!

Aaron Maller   Alison Beck-Maller   John Pierson   Melissa Thiessens   Lauren Schmidt   John Marlow

agenda

01
what makes a training video

Screen, audio, camera, popcorn.

02
tools to make that happen

Capture, microphones, assistants

03
live demo of making a video

Rather than just talk, we will live demo.

04
editing + posting for consumption

Chop it up, clean it up and post.

anatomy of a training video

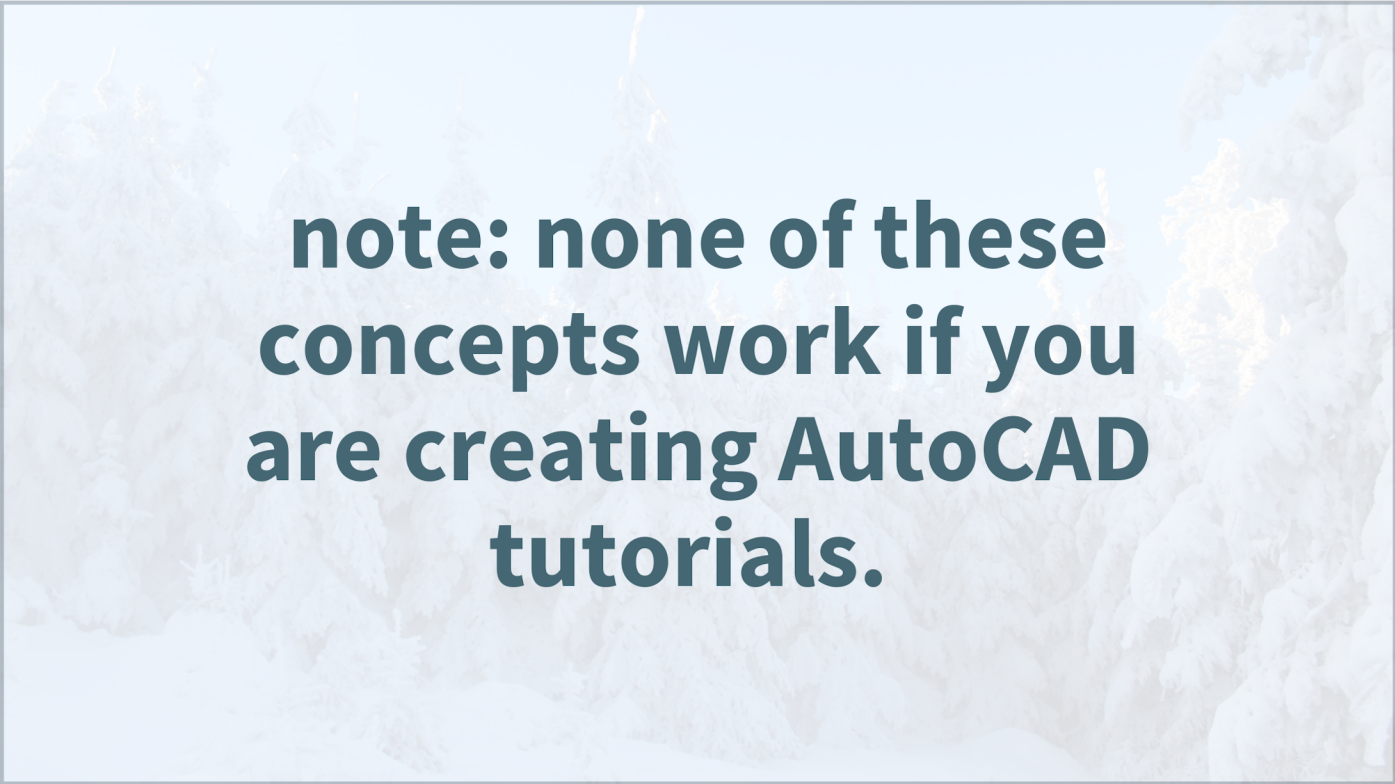**screen**

What you want to show people how to do.

audio

Explain to people how to do the thing you want to show.

face (optional)

Show people your face, when showing them the thing you want to show.

note: none of these concepts work if you are creating AutoCAD tutorials.
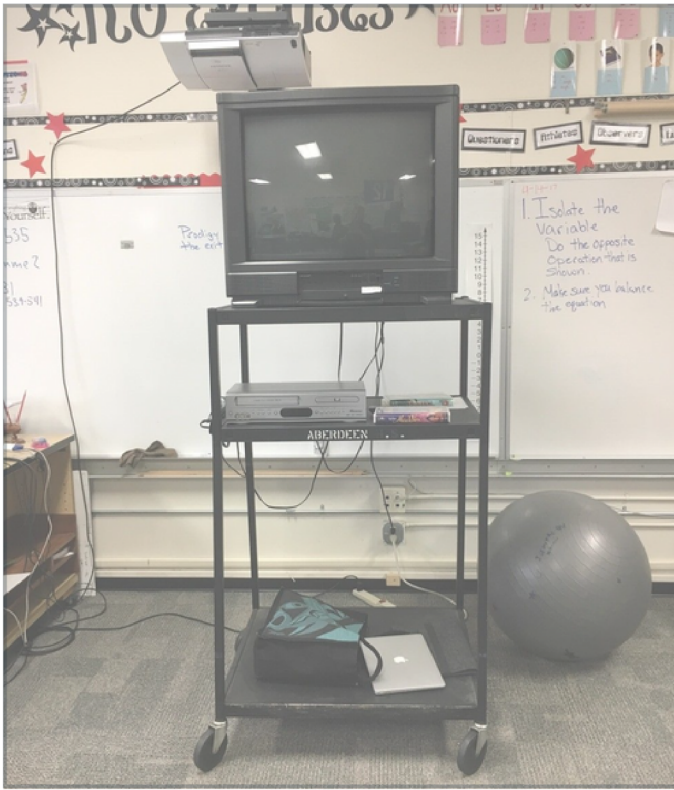
Screen Recording

How and what to consider.

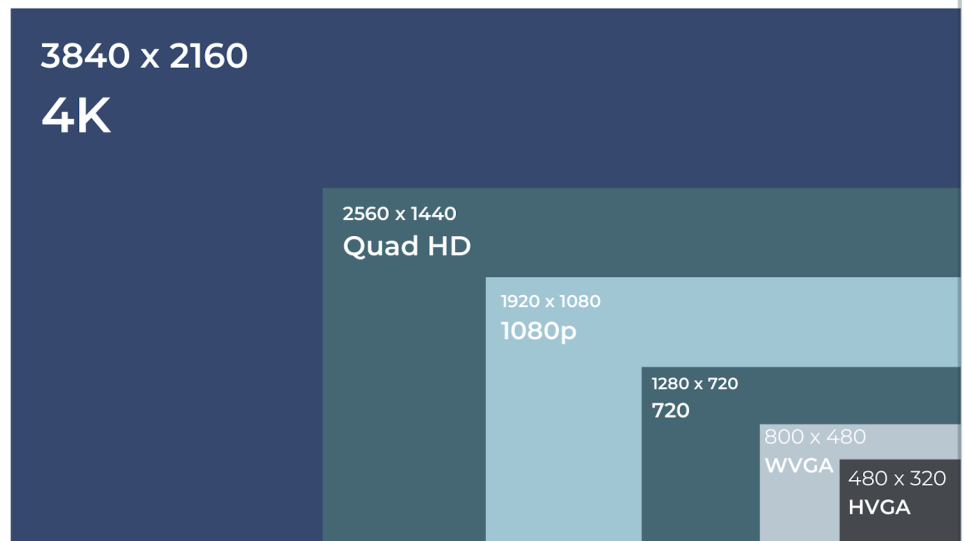# How to Record Your Screen. ~~It's extremely easy and straightforward.~~

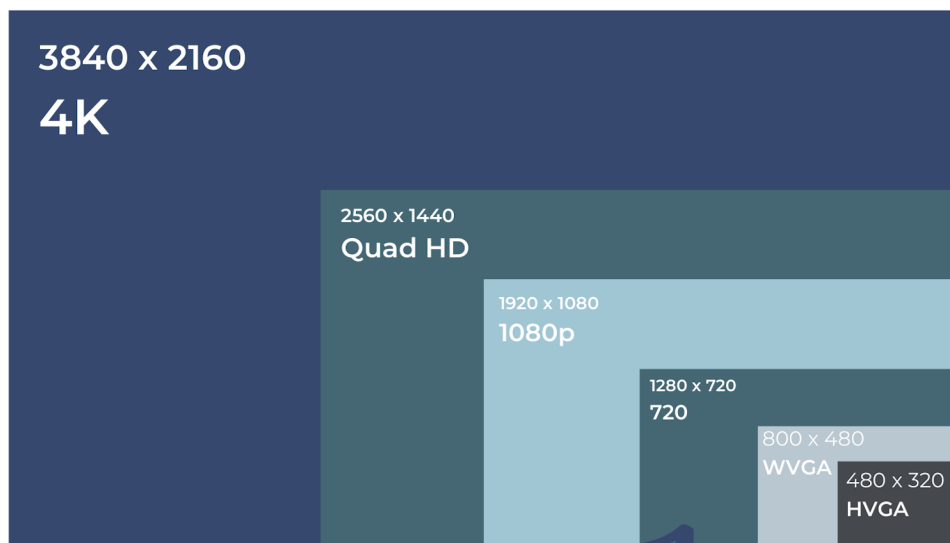**Before downloading (or buying anything) you should have a grasp on screen resolutions**

Resolution

People want to see what you are trying to show.

3840 x 2160
4K

2560 x 1440
Quad HD

1920 x 1080
1080p

1280 x 720
720

800 x 480
WVGA

480 x 320
HVGA

Resolution

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1920 x 1080
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1280 x 720
720

800 x 480
WVGA

480 x 320
HVGA

Most free tools land here
(which is pretty good)

A few local options for capturing your screen

Snipping Tool

Free

Included in Windows
(11+ includes screen
recording)

ShareX

Free + OS

Awesome screen
capture tool that
includes recording.

OBS Project

Free + OS

Scene-based
recording and
streaming.

Camtasia

(~$299.99)

All-in-one that is
well-known and
works great.

A few local options for capturing your screen

Snipping Tool	ShareX	**OBS Project**	Camtasia
Free	**Free + OS**	**Free + OS**	**(~$299.99)**
Included in Windows (11+ includes screen recording)	Awesome screen capture tool that includes recording.	Scene-based recording and streaming.	All-in-one that is well-known and works great.

Extra Information:

Camtasia is nice because it is your screen recorder, webcam recorder, and editing environment. This is definitely the easiest way to hit the ground running. This is a good starting point if you have some spare cash for this effort. This does limit your recording to 30fps though.

A few cloud options for capturing your screen

Zoom	Loom	Vidyard	Descript
Varies	**Free and Paid**	**Free and Paid**	**Paid ($12/month)**
We all know zoom from meetings. But you can have a meeting alone and record your webcam and screen for offline use.	Really awesome option if cloud collaboration and sharing is key	Cloud hosted video content (and live stream ability)	Video recorder and text-based video editor. AI transcriptions and more. (I use this for editing primarily)

Loom: https://www.loom.com/use-case/support

The free version is limited to 720p and something weird is it defaults to 1.2x speed
https://twitter.com/loom/status/1579530762776326144?s=20

A few cloud options for capturing your screen

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https://twitter.com/loom/status/1579530762776326144?s=20

A few of the cloud options I looked at while building this presentation

Screencastify
https://www.screencastify.com/pricing

Tella
https://www.tella.tv/pricing

Veed
https://www.veed.io/pricing

Vidyard
https://www.vidyard.com/pricing/

https://twitter.com/search?q=alternatives (%40camtasia)&src=typed_query&f=top

Home

← 🔍 alternatives (@camtasia)   ...

Top   Latest   People   Photos   Videos
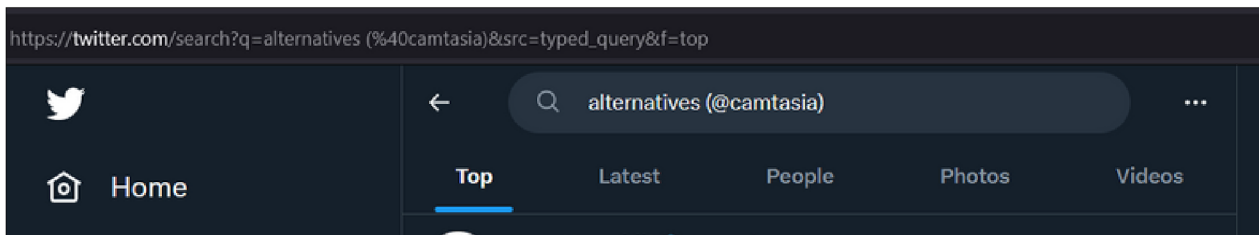
And here is how to easily research
what people are saying about any
given tool

A few tools to help along the way

Power Toys

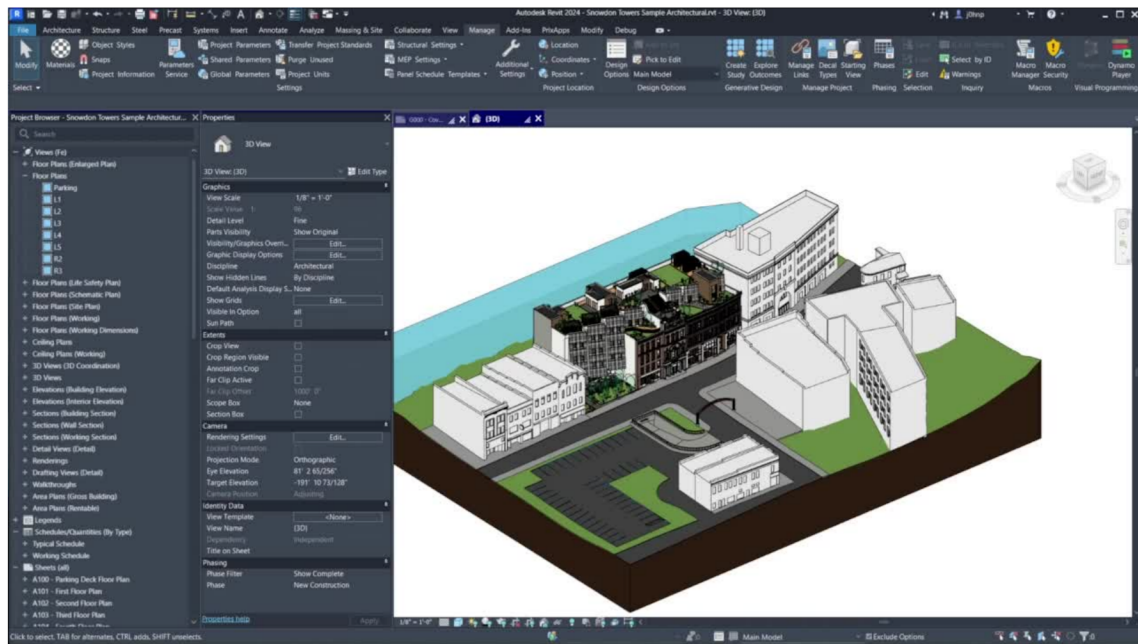Finer control over window placement, cursor highlighting and a lot more.

Power Toys Cool Feature #1 - Fancy Zones
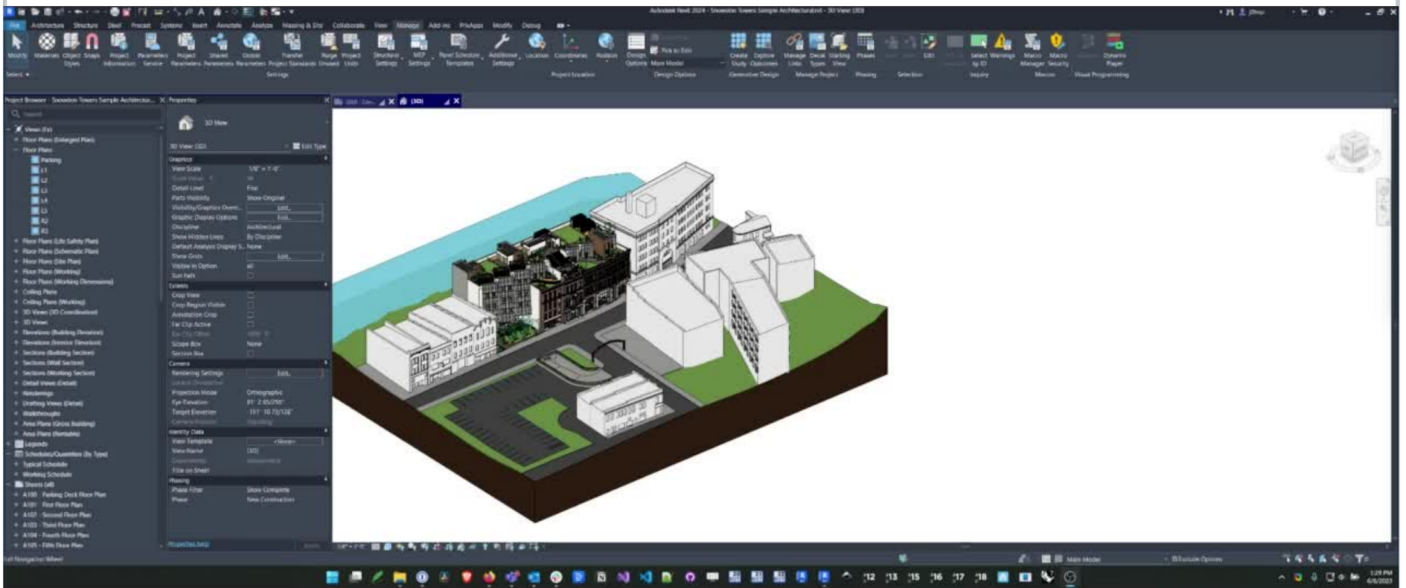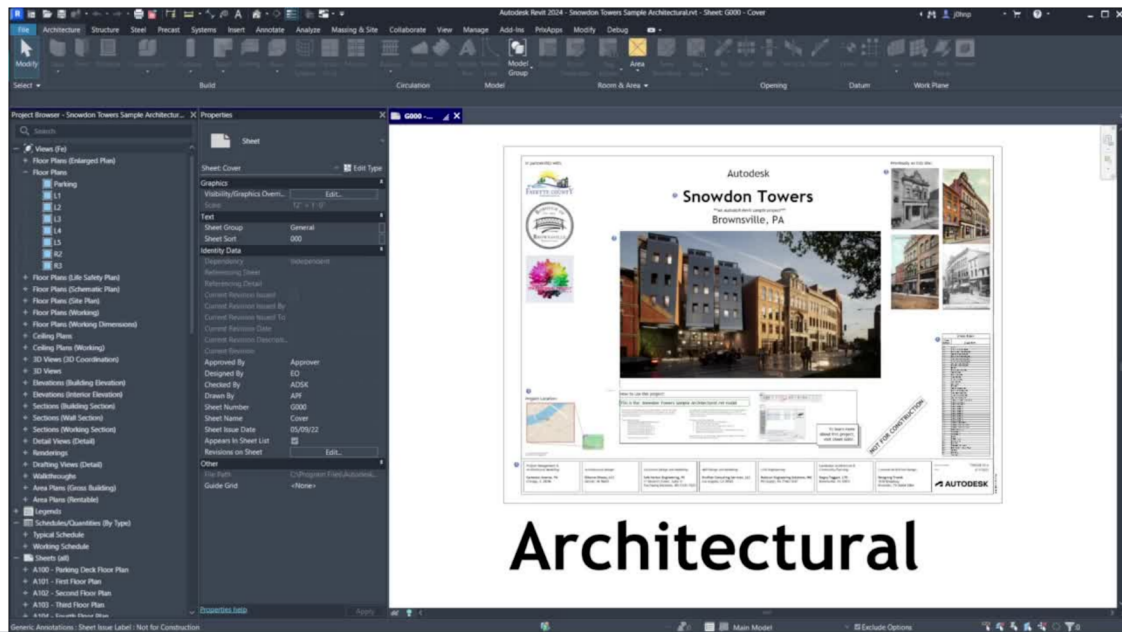
Power Toys Cool Feature #2 - Pin Window to Top
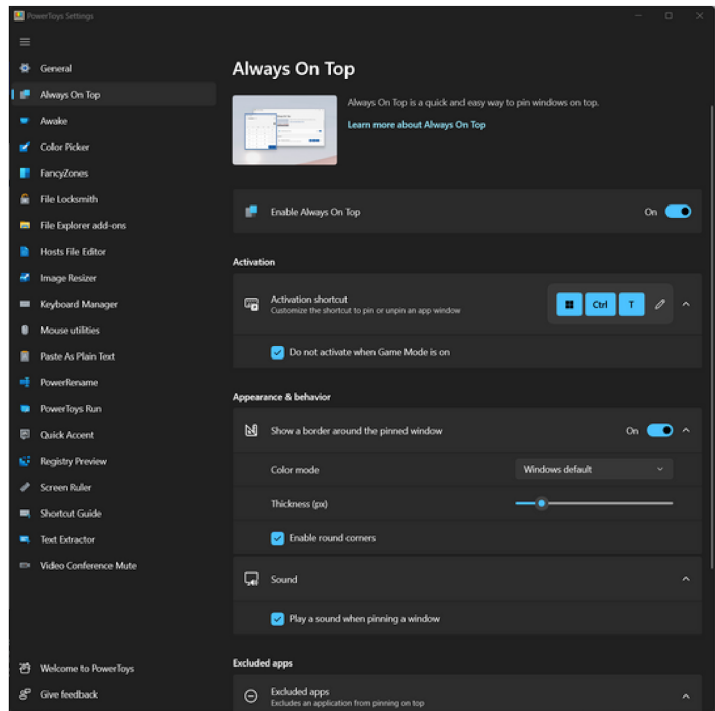
Power Toys Cool Feature #2 - Pin Window to Top

Power Toys Cool Feature #3 - Find My Mouse

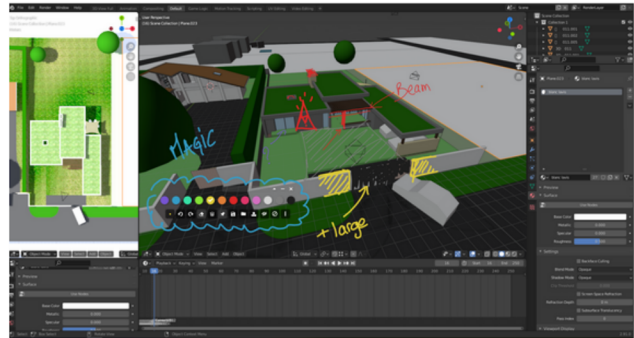Part of mouse utilities. I use the highlight a lot.

Live Draw

Free and open-source markup utility
for Windows

https://github.com/antfu/live-draw

https://github.com/antfu/live-draw

Recording Your Voice

Audio is more important than video

You do not need the most expensive mic setup to get started.

But a decent mic is useful

Blue Yeti	Deity D4 Mini	Insignia Headset	Lavalier Mic	USB Interface + Mic + Accesories
~$130	~$50	~$9.99	~$10-$70	~$200 or more

For a list of what I use, check it out here.

Gear

⬜ Equipment / Tools / Software / Gear
I Like to Use List Recording, editing,...
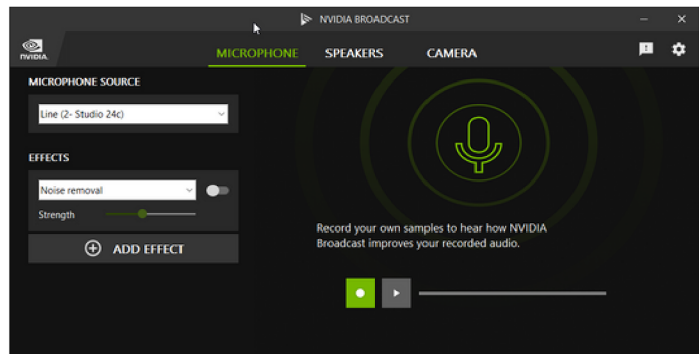
Insignia Headset:
https://www.bestbuy.com/site/insignia-on-ear-analog-mono-headset-black/5648055.p?skuId=5648055

Nvidia Broadcast

This one is great if you have a nice graphics card

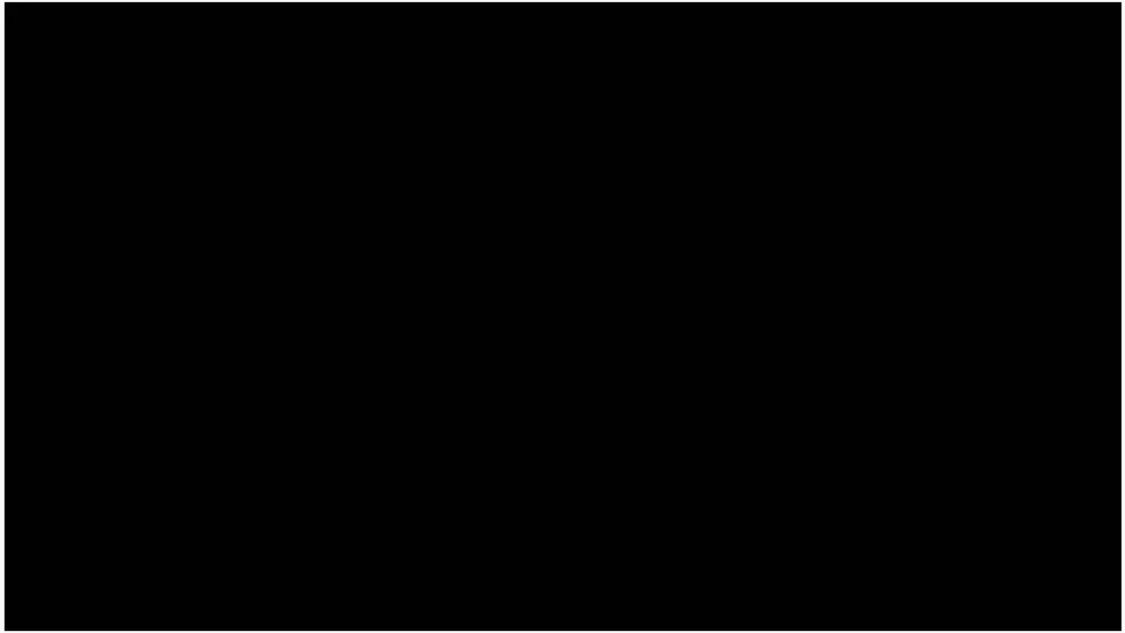All features on RTX graphics cards. Audio only on GTX graphics cards.

https://www.nvidia.com/en-us/geforce/broadcasting/broadcast-app/

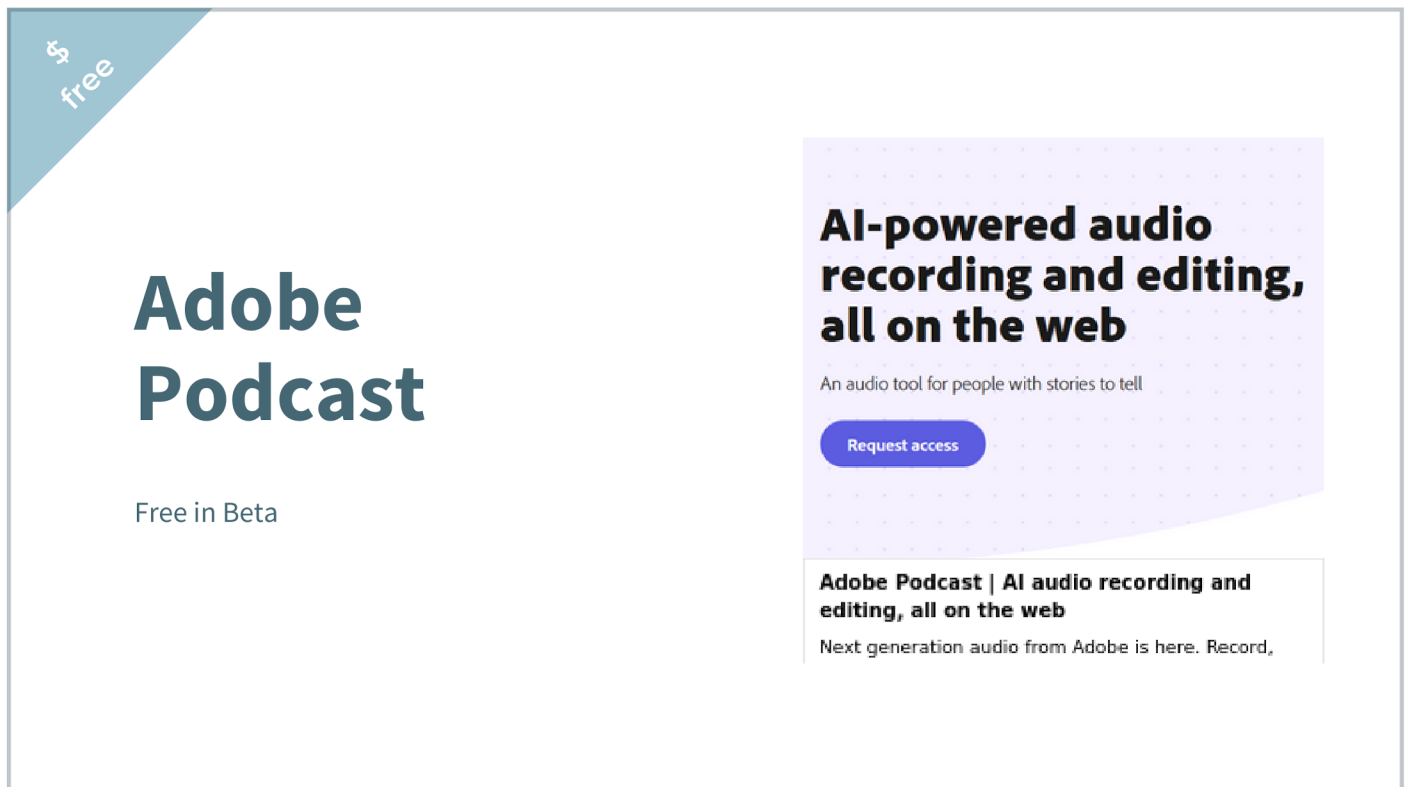An alternative for you if you don't have this, is a tool called Krisp.
https://krisp.ai/

Or intel arc control
https://www.intel.com/content/www/us/en/products/docs/discrete-gpus/arc/software/arc-control.html

Scientific Example of Nvidia Noise Cancellation

Adobe Podcast

Free in Beta

AI-powered audio recording and editing, all on the web

An audio tool for people with stories to tell

Request access

Adobe Podcast | AI audio recording and editing, all on the web

Next generation audio from Adobe is here. Record,

All features on RTX graphics cards. Audio only on GTX graphics cards.

https://www.nvidia.com/en-us/geforce/broadcasting/broadcast-app/

An alternative for you if you don't have this, is a tool called Krisp.
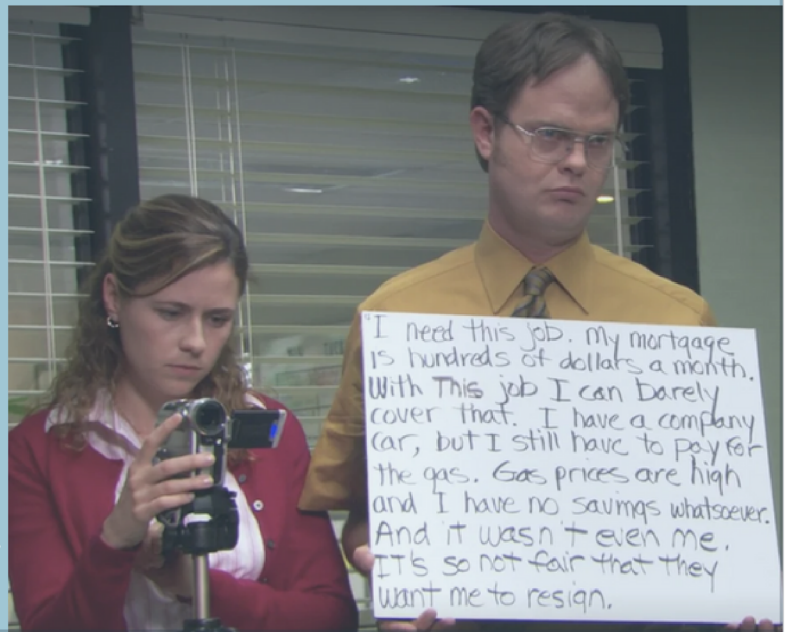https://krisp.ai/

Or intel arc control
https://www.intel.com/content/www/us/en/products/docs/discrete-gpus/arc/software/arc-control.html

Recording Your Face

Optional, but adds a nice touch to the video.

This one is a bit easier

Especially with remote work being more typical.

Options for capturing your face

Logitech C922

Plug and play. Simple.
~$99.99

Your Phone

This works, but you have to sync the clips or, connect to the computer
~$0 because you already have?

Full Camera

This works, but you have to sync the clips or, connect to the computer
~$Price Varies

Webcam, plug and play (easiest)

Your Phone (needs a few things)

Your Phone: Option 1

Record Locally!

Price: Free
Record locally and sync clips later. Bonus tip. Clap your hands once after hitting record on your computer and phone to sync easier.
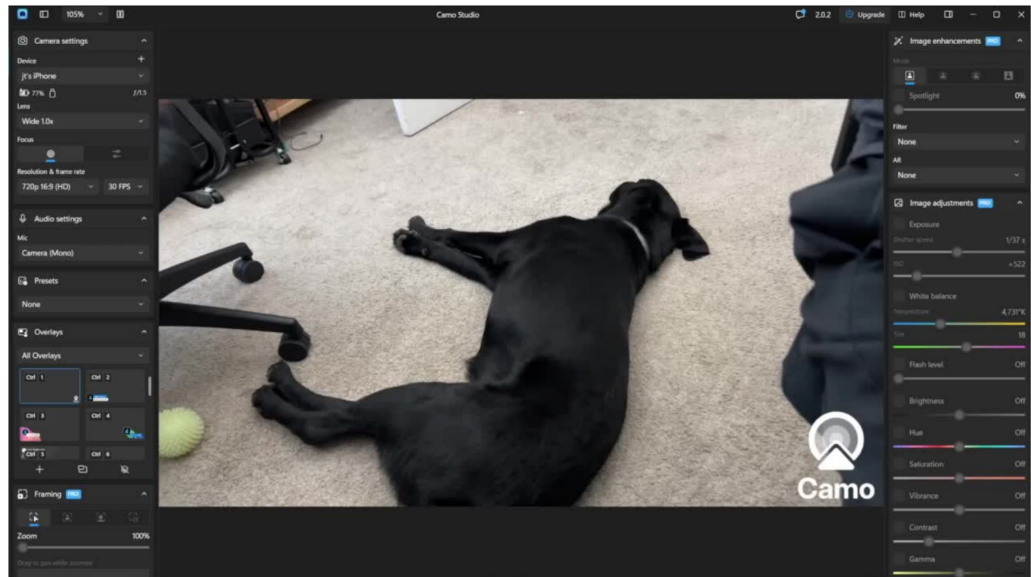
Your Phone: Option 2

Reincubate Camo

Enables your webcam as a video source
Price: Free/Paid
https://reincubate.com/camo/pricing/

Use Your Phone: Option 2

Reincubate Camo Demo

A Camera: Option 1

Capture with a Capture Card

Price: ~$20 - $100
Capture cards convert a HDMI output into a USB input for a computer to recognize as a webcam.

A Camera: Option 2

Use Manufacturers Webcam Software

Price: Free
Some cameras have USB out and can be used as a webcam
with software.

A Camera: Option 2

Sony ZV1   GoPro Hero 10/11

Use Manufacturers Webcam Software

Price: Free
Some cameras have USB out and can be used as a webcam
with software.

Random Option

Use synthesia.io and give in to our robot overlords

this slide serves as a cleanser

Editing Software

Davinci Resolve

Free
Lot of resources online

Descript

Paid, but really cool and
not scary AI

Camtasia

~$299.99 and all-in-one

Adobe Creative Cloud

Not so free.

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Descript
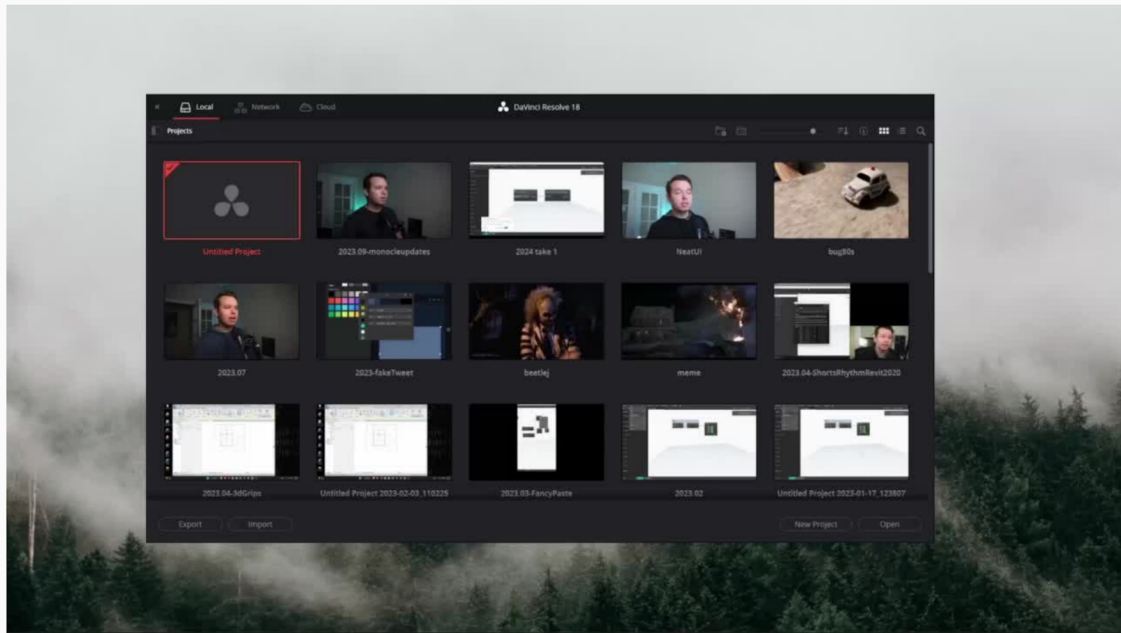
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Quick overview of Davinci Resolve Project

Putting it all Together

Live Demo

Live Demo of a Task

Monocle Overview

Overview of Monocle features.

Warnings in Revit

Work with warnings in Revit with Dynamo.

Revit 3d Grips
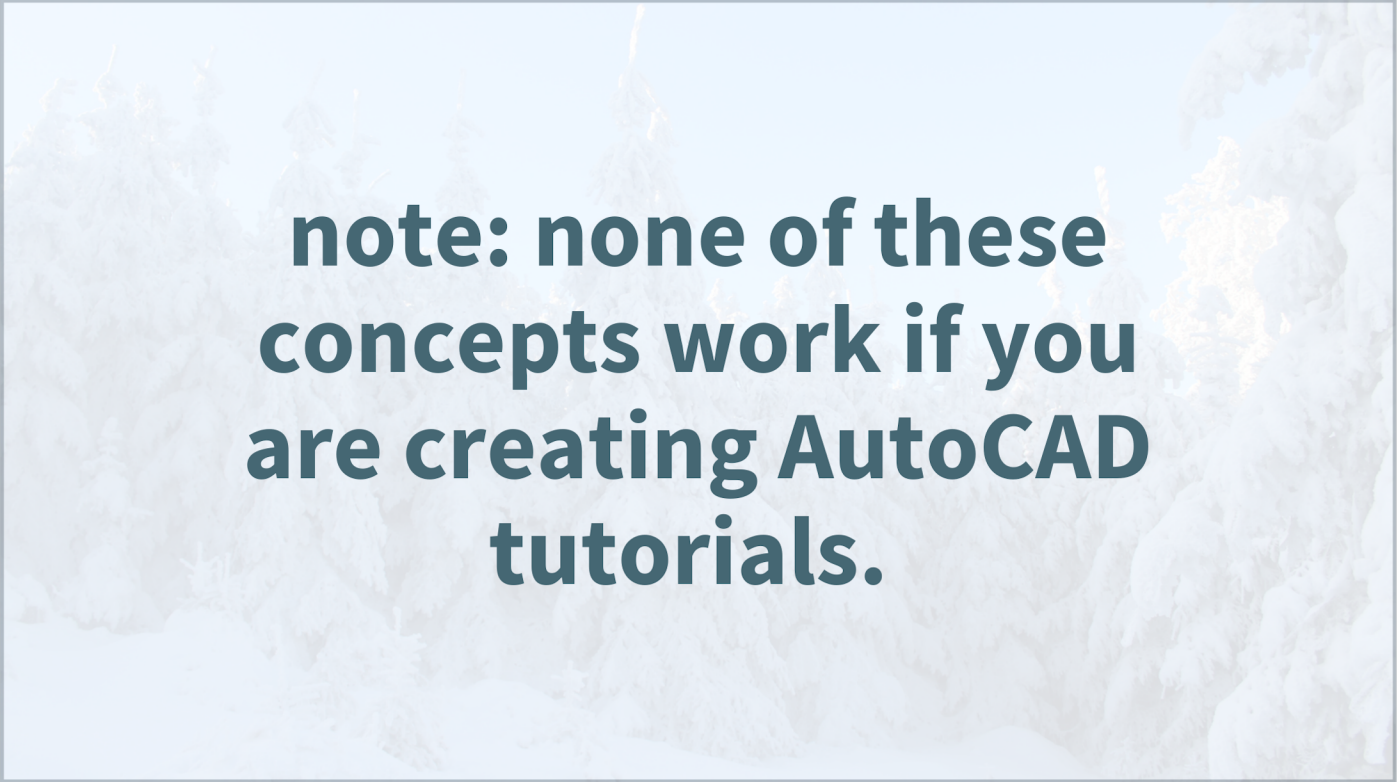
How to upgrade a family to 3d grip handles

AutoCAD

Something easy like the BATTMAN command or WBLOCK

note: none of these concepts work if you are creating AutoCAD tutorials.

Live Demo of a Task

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-live demo-

Questions?

Where to find me

DIGITAL BUILT WEEK AMERICAS JUNE 15-17, 2023 | DALLAS, TEXAS