


Matt Guertin

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Creative Technologist

Minneapolis, Minnesota, United States · [Contact info](#)

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School of Hard Knocks

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Experience




**Inventor, Founder, and CEO**
InfiniSet · Full-time
Feb 2021 - Present · 4 yrs 3 mos
Minneapolis, Minnesota, United States · On-site

Education



**School of Hard Knocks**
Doctor's Degree, Adversity and Perseverance
Jul 1981 - Jul 2033
Grade: 41
Activities and societies: President, Founder, and sole member of the 'Matt Guertin Life and Growth Foundation' established in 1981
All credit for early brand identity development and naming goes out to my mother
An emphasis on all things technological and mechanical
Inspired very early on by the need to know and understand how everything around me worked

Skills




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<https://lnkd.in/gXa3-xV5>

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On February 8th of this year I thought up an idea. One which I have been working on nonstop ever since.

I filed my first ever provisional patent a few weeks ago and just last week I filed my first Trademark. I am currently working on finalizing my design and am very close to beginning fabrication of a prototype.

It's not just a device or a piece of hardware...it's a completely new concept - one which I truly believe is going to have an enormous impact on the film and television industry.

Finally getting to the point where I am able to share it with everyone is one of the many things that has been motivating me to keep going and not stop until it becomes a reality.

Soon..

[#innovation](#) [#xrstudio](#) [#film](#) [#design](#) [#animation](#) [#unrealengine](#) [#virtualreality](#)



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3 comments



Matt Guertin • You

Creative Technologist

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Dorothy Di Stefano • 2nd



Top Voice Art & Culture



Globally Recognised Art ...

4yr • 🔒

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Thomas Medicus, an Austria-based artist, builds sculptures from segments of painted and hand-cut glass which present a different image depending on which angle you view the rotating ...more





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Matt Guertin • You

Creative Technologist

4yr • 🔒

Pretty sweet next level 3d scanning rig.

I would even go so far as to guess that it's not possible to accidentally smash the whole camera rig into the ground by accident which is a bonus.



Mohamed Hafez • 2nd

Co-founder, CTO at HyBird

4yr • 🔒

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Yesterday I posted an image of our photogrammetry rig with 3 cameras... ...more





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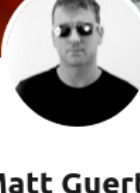


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Creative Technologist

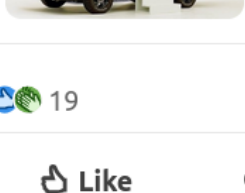
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Matt Guertin replied to Miguel Monteagudo's comment on this


Ignacio Urbina • 2nd
Industrial designer / educator / curator
4yr • 




nissan envisions a work-from-anywhere caravan with a retractable office pod + roof...
tinyurl.com

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Miguel Monteagudo • 1st
Senior Motion Graphics Artist at Activision Blizzard
4y ...

I think the FBI has better “concepts” than this. Can't help to think that is a very lonely vision of an office.


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
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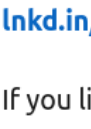

Miguel Monteagudo • 1st
Senior Motion Graphics Artist at Activision Blizzard
4y ...

And they have all that is necessary to spend hours there not just a HM chair and a coffee maker.

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Matt Guertin commented on this

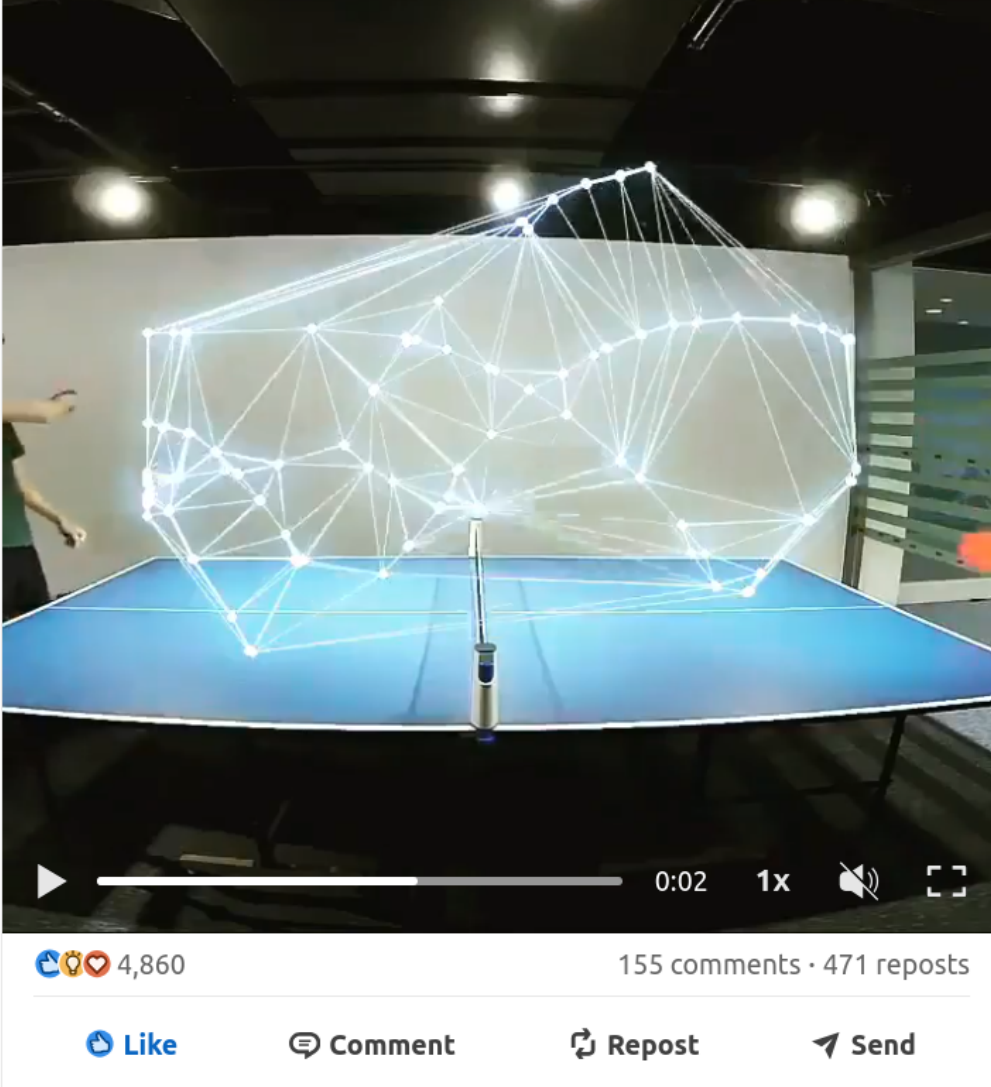
Pascal BORNET • 3rd+
Award-winning AI & Automation Expert, 20+ years | Agentic...
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This amazing dynamic #data visualization has been built using python and computer vision (OpenCV). Once the ball flies from one side to the other of the table, the vision system reconstructs the 3D coordinates of the ping-pong ball trajectory (using a Delaunay Triangulation)

Learn how to build this system using this tutorial by Yugo Minomo: <https://lnkd.in/g9drruv>

If you like my posts, you will enjoy my new book: <https://lnkd.in/g4uCcg4>


Click "Follow" for more #technology insights <https://lnkd.in/gFhhNg9> and <https://lnkd.in/fjddMYP>



0:021x


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Creative Technologist
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This is cool. Next step is to use a camera tracking system like Stype so you can orbit the table and geometry in real-time.


This gives me all sorts of ideas.

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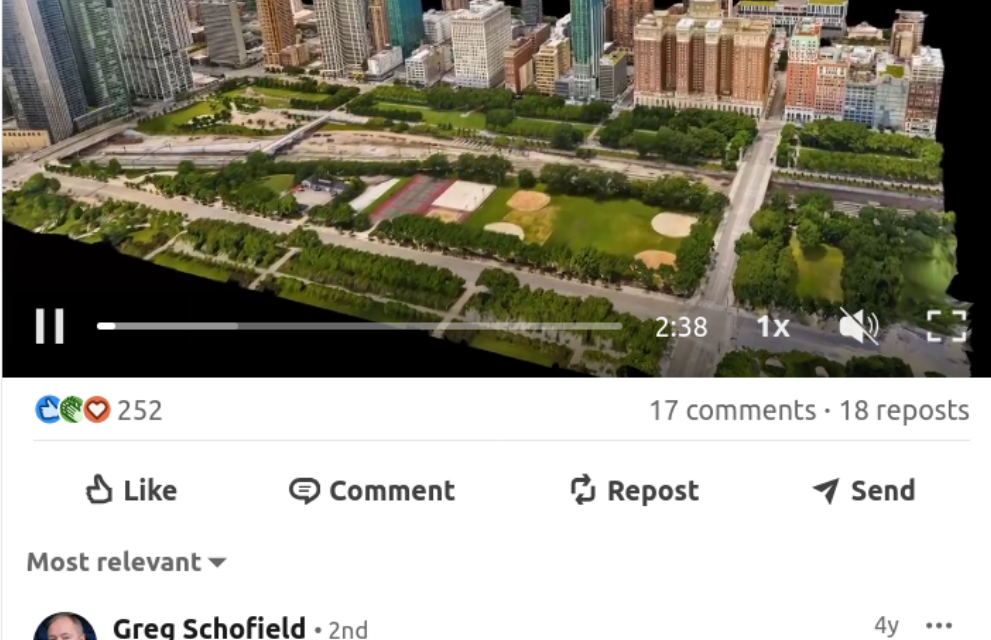
Matt Guertin replied to Greg Schofield's comment on this

Capturing Reality
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Chicago city 3D map by [Matt Guertin](#) 

Captured with DJI Mavic 2 Pro drone and Faro laser scanner. Processed into a 3D model with RealityCapture.

#realitycapture #3Dscanning #3photogrammetry




2:381x


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Greg Schofield • 2nd
Course Instructor, Forensics
4y ...


This is amazing. So many questions like how many scans & how many images? Also did you use an existing DTM for control?


Like ·  4 · Reply · 5 replies

Matt Guertin • You
Creative Technologist
(edited) 4y ...


Hello Greg,


The only scans of this were of the park you see in the middle with the 4 baseball fields. This is where Lollapalooza's Perry Stage normally was before covid came along. There wa: ...more

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Mohammed Znaina • 2nd
Consultant en Solutions Drone et GNSS | Traitement des do...
4y ...


Matt Guertin congratulation is Amazing 🙌


Like ·  1 · Reply

Matt Guertin • You
Creative Technologist
4y ...

I am still in the process of finishing up my website. I have to write all of the case studies.


Here is a link to some more images and videos from this project though - ...more

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Greg Schofield • 2nd
Course Instructor, Forensics
4y ...

Hi Matt,
DTM = Digital Terrain Model, but if RC used the park point cloud for reference then you answered my question. Again, very nice work.


Like · Reply

Matt Guertin • You
Creative Technologist
4y ...

Greg Schofield Thank you!

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Vishnu Palanchery • 2nd
Building sustainable B2B relationships Via BM Geomati...
(edited) 3y ...

Hi Team,

I hope you are fine and doing well.


We at Axon Technologies are Service providers for LiDAR ...more

Like · Reply

David W Jaunay • 2nd
Geospatial & Digital Twin Solution Architect supporting Sustainabl...
4y ...


Rather than a FARO use our airborne scanner HOVERMAP and cut the lidar time by 80%

Like · Reply


Nicholas Castillo, MSML • 2nd
Immersive Design Center Operations Lead, Reality Capture Expert...
4y ...


Brent Dingle

Like · Reply


Pablo Hyam Borrachero • 3rd+
Director General Fundación CI3. Centro de Innovación de Infraestr...
4y ...


Incredible!

Like ·  1 · Reply

Luis F. Borrero • 3rd+
Real Estate Development Executive highly skilled and ex...
(edited) 4y ...


This is finally happening, tried the concept five years ago w no success. Congrats on some great work. Could this model be hosted online? Val Dess this is an alternative for the next project, clearly w reduced polygons

Like ·  2 · Reply · 1 reply


Val Dess • 3rd+
Founder & CEO at Hauzd | VR/AR, Architecture, BIM, Propte...
4y ...


looks great! we'd be first in line if there was some type of SaaS based on this for various locations

Like · Reply


Mark Shaw • 2nd
Founder | AR | XR | 3D | Geospatial Advertising
4y ...


Wow. Great scan. Mind blowing where photogrammetry has come over the last few years.

Like ·  1 · Reply


Andreas Rupp • 2nd
DE DatenManagement / Trasse-Daten & ProjektManagement Sue...
4y ...


Absolute awesome job..... 🙌

Like ·  1 · Reply


Eric Bennett • 1st
Owner, EROCK Associates, LLC | Construction Inspection, Civil Con...
4y ...


Wonderful work!

Like ·  1 · Reply


Peter Xavier Lucier • 3rd+
Senior Freelance Artist & Design Professional
4y ...


Ok now that is seriously impressive

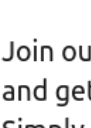

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David Dimeola • 2nd
Creative Managing Director at The Brigade
4y ...

Incredible scan and rendering

Like ·  1 · Reply

Matt Guertin commented on this


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Congratulations to our Instagram #RCmonthlyChallenge winners for August.

@Gravityb3D - 3D scan of a dog
Lars Groeger - Black Peppercorn (micro-photogrammetry)
@Matt1up - Tree and Chicago city

Join our next month's challenge and get a chance to win 10,000 PPI credits and get featured on our website. <https://bit.ly/2VOzrS0>
Simply share any of your RealityCapture 3D models on Instagram and use #RCmothlyChallenge

#realitycapture #photogrammetry #3Dscanning




0:181x

Winners of AUGUST #RCmonthlyChallenge


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Matt Guertin • You
Creative Technologist
4y ...


Here is a 4k render of the Chicago scan for anyone that might be interested in seeing a little more detail <https://vimeo.com/486278234>

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Sean Dollins • 2nd
Layout Supervisor at Framestore
4y ...

Michael R. the city
Marco Amador the dog

Like ·  1 · Reply

Ivan Belchev • 2nd
Workflow Specialist at Leica Geosystems part of Hexagon
4y ...

That tree...

Like ·  4 · Reply