BODY SCANNER

SCANNER

AVATAR

MEASUREMENTS
<table>
<thead>
<tr>
<th>Measurement</th>
<th>Left</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>NECK</td>
<td>34.7 CM</td>
<td></td>
</tr>
<tr>
<td>SHOULDER</td>
<td>40.2 CM</td>
<td></td>
</tr>
<tr>
<td>CHEST</td>
<td>75.6 CM</td>
<td></td>
</tr>
<tr>
<td>BUST</td>
<td>39.0 CM</td>
<td>27.8 CM</td>
</tr>
<tr>
<td>UPPER ARM</td>
<td>16.4 CM</td>
<td>15.8 CM</td>
</tr>
<tr>
<td>WRIST</td>
<td>56.3 CM</td>
<td>56.3 CM</td>
</tr>
<tr>
<td>OUTER ARM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NECK TO HIP</td>
<td>43.3 CM</td>
<td></td>
</tr>
<tr>
<td>UPPER WAIST</td>
<td>71.8 CM</td>
<td></td>
</tr>
<tr>
<td>LOWER WAIST</td>
<td>77.8 CM</td>
<td></td>
</tr>
</tbody>
</table>
E-LEARNING

START LEARNING TODAY
PLEASE FINISH YOUR HOMEWORK BEFORE YOU CONTINUE TO THE NEXT CLASS
Welcome to the first lecture on the Tech & Teach app. In this video we will go through the application with you and explain what features the app has. Next to that we will make a start with learning about 3D body scanning.

Don’t forget to do your homework given in the video. Good luck and we will see you in the next class!
INDUSTRY 4.0

Our refrigerators can order milk from food suppliers (Bohn, 2016), the smart home heating system can prepare a preferred temperature before entering your home and we have Alexa or Google to tell us about the weather and play us songs. At the moment, the world is more connected than ever. With the different techniques and tools such as mobile devices, sensor technology and digital networking there has been a seamless connectivity created. Boundaries of innovation have been pushed, these new innovations converge new technologies such as artificial intelligence (AI), machine learning (ML) and robotics. These new technologies represent the fourth industrial revolution.

The first industrial revolution is almost more than 300 years back in time. This first induction revolution is known for the start of new manufacturing processes in Europe and the United States. The mass production of electrical power was the second one to follow. The third revolution was the start of the revolution of information technology. The current revolution that we live in at the moment, is the era of digital connectivity that brings physical, digital and organic

The interactions between the new technologies such as AI, ML 3D printing, augmented reality, virtual reality, energy storage and generation and robotics, are changing the nature of enterprise value chain.
Congratulations, you've made it till the third class on Tech & Teach! Today we have a lecture about one of the methods which can be used to make a 3D body scan, mobile applications! In this lecture we will discuss 5 apps which can be used to make 3D body scans.

We have an extra lecture by a quest teacher in the next lecture! Go and finish your homework so that you can unlock the lecture given by our special quest teacher.
In today’s lecture we invited a guest teacher, Quantacorp, to teach you about their mobile body scanner. Based in Ghent, Belgium, six people are working on a convenient, disruptive solution to an old and complex problem, fit. The Quantacorp app is here to make all the difficulties in deciding your size offline and online. With only two pictures the app delivers a 3D avatar and measurements within 10 seconds!

Go and watch the video and let us know what you think of this way of body scanning. Do you think this is easy or do you prefer one of the other applications which we discussed in the
3D body scanning technology has the potential to provide new levels of personalized customer service in stores and online. It could also contribute to a better understanding of human body measurement, size, shape and body categorization and could lead to better clothing fits being offered by companies in general.

Sizing problems are the main reason for returns and an enormous cost to fashion retailers around the globe. The average return rate for online apparel purchases is 30 percent to 40 percent. In some categories where fit is an even more important factor, such as women’s dresses, the return rate is, according to industry sources, as high as 50 percent. Accordingly, 3D body scanning could prove to be the solution to this problem by enabling consumers to find the right size when shopping online.

New Look introduced Bodymetrics 3D body scanning booth in its store in Westfield Stratford in London in 2012. Levi’s offers a similar service in its flagship store in central London; the service scans customers’ body to help them find a perfect pair of jeans.

However, purely online retailers are the driving force of technology because they provide a solution to the massive problem caused by returns.

Amazon acquired 3D body scanning company Body Labs in 2017 with the aim of improving Amazon’s Prime Wardrobe service, which sends customers a box of clothing to try on and return what they do not want. Implementing this technology could help Amazon offer shoppers clothes, shoes and...
HOW CAN WE HELP YOU?

ENTER KEYWORDS,

Q&A

TIPS & TRICKS

PRODUCT FEEDBACK

FAQ
Q&A

ENTER KEYWORDS,

MOBILE APP

SCANNING CABIN

SOFTWARE

HARDWARE

METHODS

BENEFITS
Jenna Stanford

Hi Almy! My team and I have been using Nettelo for over a year now. Very happy with it. We have recently invested in a scanning booth from Styku to test that out.

Naomy Håkansson

It depends for what purposes you want to use it Almy. Could you maybe give more info, I could help you further if I know more!

Hikari Goda

We tried Nettelo as a starting app and my team had a hard time adapting to it. After that we switched to Canvas. It did require us to buy external hardware but it has helped us to improve the sizing of our garments.

Which app is the most beginner friendly? I want to introduce one to my team, but I don’t know which one will be the best to start with. Any recommendations?
Hi there! I had a question concerning the scanner on the app. Is it possible to get the data of the scan on a laptop as well?

Hi Joana Domingos! Thank you for reaching out to us. My name is Dillon and I will help you today. Coming to your question, yes you can transfer the data from the scan to your laptop. On the right corner on the measurement page you will find an import symbol. If you click on it you can transfer it to any device.

Thank you for your response.
Amazon is reportedly scanning people’s bodies so it can sell you clothes.

Louis Vuitton demonstrates stunning AR technology-infused sneakers and accessories.

New circular technology disrupts fashion space.

Alvanon’s 3D technology is revolutionising the fashion industry.

Nike uses augmented reality to get people into better-fitting shoes.
Amazon is reportedly scanning people’s bodies so it can sell you clothes.

Amazon wants to 3D-scan volunteers’ bodies for a $25 gift card.

Is the Radiation from Airport Body Scanners Dangerous?

For now, 3D body scans are a tool to help, not replace, tailors.

Testing the Naked Labs 3D Body Scanner.
LOUIS VUITTON DEMONSTRATES STUNNING AR TECHNOLOGY-INFUSED SNEAKERS AND ACCESSORIES

First seen on the runway during the 2020 Cruise womenswear collection, Louis Vuitton hit the Viva Technology 2019 conference to show off some of its cutting edge OLED bags and AR technology. Other key pieces included Virgil Abloh’s fiber optic FW19 footwear.

Designed by Nicolas Ghesquière, LVMH reps showed off bags infused with the “Canvas of the Future,” a new textile that allows for flexible displays of high-resolution imagery, though no word on how owners may program the bags to play footage outside of the Louis Vuitton runway shots. Elsewhere, light-sensitive bags and footwear shifted colors on camera.

By Jake Silbert 17 May 2019
Amazon is reportedly inviting people to participate in a 3D body-scanning survey. Those selected will have the size and shape of their body monitored over a 20-week period, according to The Wall Street Journal.

The invitation comes from Amazon’s new 3D body-scanning unit, which was developed after Amazon bought New York-based startup Body Labs in October. Body Labs created a software that captures the body’s shape and motion in 3D. Amazon could be creating a way for customers to virtually try on clothes and shop for styles that are better fitted to their body.