

RON'S RAMBLINGS
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RON'S RAMBLINGS #1

Stop ROBO calls with NOMOROBO

If your phone service is via VoIP (internet based like Charter/Spectrum) you are in luck. Several carriers listed on the web site for an application called NOMOROBO allow you to set up it up and block ROBO calls. I have done so and it works on my Charter/Spectrum phone service. As the article below from PCMag indicates, sometimes the phone will ring once before the call is blocked but that is not a problem for me.

How it works is that it looks at how many times a phone number is making calls and if that is a large number it then marks it as a Robo call source and adds it to a list of numbers to be blocked.

The sign up was easy to follow and activate on Charter/Spectrum because NOMOROBO has a very good process to follow. 'Try it, you will like it'.

Check out the PCMag article at: [Article NoMoRobo](#)

The NOMOROBO web site is <https://www.nomorobo.com>

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RON'S RAMBLINGS #2

Safer Internet/Online Browsing Help

We are always talking about what to do and what to NOT do when browsing on the web. The article below has a good list of items that will help you be safer when doing so. And Microsoft has developed an extension for Chrome that will also help make it safer for you. Check them out for a little education or reminder.

[12 Simple Things You Can Do to Be More Secure Online](#)

Microsoft Releases Defender Extension for Chrome

Even though Microsoft's browser of choice is Edge, they have developed an extension for Google's Chrome browser to help you do safer internet browsing. It may be similar to Chrome's preventative measures, but I figure the more ways your browsing is being monitored for protection the better. See a description and how to get it at the link below.

[Defender Extension for Chrome](#)

'Also Dial' function

A little off the subject but something I found out when installing NOMOROBO on my Charter/Spectrum phone (which is my equivalent of a land line), you can have an 'Also Dial' function activated so your primary number will also ring on a different number. This works great for me because I am outside in my garden or working on my firewood pile a lot of the time when I am at home. I hear the house phone ring and soon my smart phone rings, allowing me to answer the phone. I can tell who it is because caller ID is passed along.

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RON'S RAMBLINGS #3

Smart Phone History

Can you believe it has been 45 years since the first cell phone call was made by a Motorola engineer in 1973? It took 10 years for a commercial phone call the famous 'brick' to be released. All it did was make phone calls. Motorola continued to refine the design up to the popular 'flip' phone in 1996. See the Motorola link below.

The personal communicator (now called smartphone) device really got its start in the early 1990s with the addition of data transfer through the phone system. I did not know my old employer, IBM, was involved in one of the first smartphone like devices in 1992. Today we think of Apple and Android when we think of smartphones, but there have been many others that have been involved in the evolution of the smartphone. They are no longer phones, they are also computers, cameras, medical devices, personal assistants, location trackers and much, much more. See Smartphone link below for an amazing amount of information on the smartphone. There are about 2 billion of them everywhere in the world. What would you do without one?

Even Nikola Tesla and others were experimenting with transmitting data through the phone system in the early 1900s.

[Motorola History](#)

[Smartphone History](#)

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RON'S RAMBLINGS #4

Today's Future Is Different Than Anyone Imagined

Highlights of an interesting talk by the Head of Daimler Benz. A bit mind-blowing to say the least! He predicted an interesting concept of what could lay ahead.

In a recent interview, the Head of Daimler Benz (Mercedes Benz) said its competitors are no longer other car companies, but Tesla (obviously), and now, Google, Apple, Amazon et al.

Software will disrupt most traditional industries in the next 5-10 years.

Uber is just a software tool, they don't own any cars, and are now the biggest taxi company in the world.

Airbnb is now the biggest hotel company in the world, although it does not own any properties.

Artificial Intelligence: Computers become exponentially better in understanding the world. This year, a computer beat the best Go player in the world, 10 years earlier than expected.

In the U.S., young lawyers already can't get jobs. Because of IBM Watson, you can get legal advice (so far for more-or-less basic stuff) within seconds, with 90% accuracy compared with 70% accuracy when done by humans.

So, if you study law, stop immediately. There will be 90% fewer lawyers in the future; only specialists will remain.

Watson already helps nurses diagnosing cancer, four times more accurate than human nurses. Facebook now has a pattern recognition software that can recognize faces better than humans. By 2030, computers will become more intelligent than humans.

Autonomous cars: In 2018 the first self-driving cars will appear for the public. Around 2020, the complete industry will start to be disrupted. You don't want to own a car anymore. You will call a car with your phone, it will show up at your location and drive you to your destination. You will not need to park it, you only pay for the driven distance and you can be productive while driving. Our kids will never get a driver's license and will never own a car.

It will change the cities, because we will need 90-95% fewer cars for that. We can transform former parking spaces into parks.

1.2 million people die each year in car accidents worldwide. We now have one accident every 60,000 miles (100,000 km), with autonomous driving that will drop to one accident in 6 million miles (10 million km). That will save a million lives each year.

Most car companies will probably go bankrupt. Traditional car companies will try the traditional approach and try to build a better car, while tech companies (Tesla, Apple, Google) will take the revolutionary approach and build a computer on wheels.

Many engineers from Volkswagen and Audi are completely terrified of Tesla.

Auto Insurance companies will have massive trouble because without accidents, car insurance will become much cheaper. The car insurance business model will slowly disappear.

Real estate will change. Because if you can work while you commute, people will move farther away to live in a more beautiful neighborhood.

Electric cars will become mainstream about 2020. Cities will be less noisy because all new cars will run on electricity. Electricity will become incredibly cheap and clean: solar production has been on an exponential curve for 30 years, and now you can now see the burgeoning impact.

Last year, more solar energy was installed worldwide than fossil. Energy companies are desperately trying to limit access to the grid to prevent competition from home solar installations, but that can't last. Technology will take care of that strategy.

With cheap electricity comes cheap and abundant water. Desalination of salt water now only needs 2kwh per cubic meter (@ 0.25 cents). We don't have scarce water in most places, we only have scarce drinking water. Imagine what will be possible if anyone can have as much clean water as he wants, for nearly no cost.

(I wonder what will happen to all the salt that is extracted? Does it go back into the sea, because that would be a disaster for marine life I would think. Marg)

Health innovations: The Tricorder X price will be announced this year. There are companies who will build a medical device (called the "Tricorder" from Star Trek) that works with your phone, which takes your retina scan, your blood sample, and you can breathe into it.

It then analyzes 54 biomarkers that will identify nearly any disease. It will be cheap, so in a few years everyone on this planet will have access to world-class medical analysis, almost for free. Goodbye, medical establishment.

3D printing: The price of the cheapest 3D printer came down from \$18,000 to \$400 within 10 years. In the same time, it became 100 times faster. All major shoe companies have already started 3D printing shoes.

Some common spare airplane parts are already 3D printed in remote airports. The space station now has a printer that eliminates the need for the large amount of spare parts they used to keep in the past.

At the end of this year, new smart phones will have 3D scanning possibilities. You can then 3D scan your feet and print your perfect shoes at home.

In China, they already 3D printed and built a complete 6-story office building. By 2027, 10% of everything that's being produced will be 3D printed. (I checked this out in case it was incorrect, but, yes it has happened)

Business opportunities: If you think of a niche you want to go in, ask yourself: "In the future, do you think we will have that?" If the answer is yes, how can you make that happen sooner?

If it doesn't work with your phone, forget the idea. And any idea designed for success in the 20th century is doomed to failure in the 21st century.

Work: 70-80% of jobs will disappear in the next 20 years. There will be a lot of new jobs, but it is not clear if there will be enough new jobs in such a small time.

Agriculture: There will be a \$100 agricultural robot in the future. Farmers in third-world countries can then become managers of their field instead of working all day on their fields.

Aeroponics will need much less water. The first Petri dish that produced veal is now available and will be cheaper than cow-produced veal in 2018. Right now, 30% of all agricultural surfaces is used for cows. Imagine if we don't need that space anymore.

There are several startups that will bring insect protein to the market shortly. It contains more protein than meat. It will be labeled as "alternative protein source" (because most people still reject the idea of eating insects).

There is an app called "moodies" that can already tell in which mood you're in. By 2020 there will be apps that can tell by your facial expressions, if you are lying. Imagine a political debate where it's being displayed when the truth is being told.

Bitcoin may even become the default reserve currency ... Of the world!

Longevity: Right now, the average life span increases by 3 months per year. Four years ago, the life span used to be 79 years, now it's 80. The increase itself is increasing and by 2036, there will be more than one year increase per year. So, we all might live for a long time, probably way more than 100.

Education: The cheapest smart phones are already at \$10 in Africa and Asia. By 2020, 70% of all humans will own a smart phone. That means, everyone has the same access to world-class education.

Every child can use Khan academy for everything a child needs to learn at school in First World countries. There have already been releases of software in Indonesia and soon there will be releases in Arabic, Swahili, and Chinese this summer. I can see enormous potential if we give the English app for free, so that children in Africa and everywhere else can become fluent in English. And that could happen within half a year.

Are we ready for all this?!?

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RON'S RAMBLINGS #5

A mix of topics this time – technology helping auto line workers and Best Internet Browser and a cornea created with a 3D printer.

Check Out Ford's Factory Floor Exoskeletons

Ford is using physical assisters to reduce worker motion problems and strain with the addition of movement assisters that add about 15 pounds of extra muscle to a line worker motions. Now if I can get one of these to help me weed my garden, clean the gutters, paint the ceilings and all those other repetitive actions!

[Ford Factory Exoskeletons](#)

Best web browsers 2018: Chrome, Edge, Firefox, and Opera go head-to-head

Many of you use different browsers when accessing the internet. PC World did a few comparisons and their findings are discussed in the following website.

[Best Internet Browsers for 2018](#)

Bio-Ink Used to Print Human Cornea

Those of us in the 70 years plus age were excited when technology gave use the remote control for the television or the microwave oven, which was called the radar range back then. But I think that name was changed because it may have sounded a little scary. Well, we all have watched technology go beyond our wildest dreams. Just look at the computers we use every day and what we can do with them because of the internet. Now technology is even making our living body work better and even correct some of the failing parts. One of the latest creations is the printing of a cornea with a 3D printer. Thank goodness for those engineers, scientist, programmers and other that think outside the box.

[3D Printing of Human Cornea](#)

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