# Alison Jacobson







## Spencer



CONNECTED:





## Smart devices are permeating every part of our lives.









During the COVID-19 pandemic, social isolation has dramatically increased.

Roughly a third of internet users over 65 described themselves as only a little, or not at all confident in their ability to use computers, smartphones or other devices to do necessary online activities according to a Pew Research study.

Additionally, 21 million Americans lack high-speed internet access.

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## **Social Isolation**

The negative ramifications of social isolation has been equated to the health risks of high blood pressure, physical inactivity, obesity, or smoking 15 cigarettes a day.

A 2020 report of the National Academies of Science, Engineering, and Medicine links social isolation and loneliness to increased risk for premature death.



## **Social Robots**

- Recognize voices, faces and emotions;
- Interpret speech and gestures;
- Respond appropriately to complex verbal and nonverbal cues;
- Make eye contact;
- Speak conversationally; and
- Adapt to people's needs by learning from feedback, rewards, and criticisms.



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#### Seniors want to age in place and technology can help.

- According to the AARP, about 55 million people over the age of 65 are currently living in the US. And 87% of them say they plan to live at home rather than transition to some sort of care facility.
- According to the U.S. Census Bureau, About 28% (14.3 million) of older persons lived alone (9.5 million women, 4.8 million men). Among women age 75 and over, 44% lived alone.

• The average home currently has 11 connected devices, and this number will grow to 20 rapidly.

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Statistics show that by 2020, the smart home market will reach 40 billion USD in the United States alone



that have smart homes agree that using these products saves them at least 30 minutes a day.

**57% of Americans** 



54% of current homeowners plan to purchase smart home products to increase the value of their homes.



81% of home buyers claim they'd be more likely to purchase a home if a smart system was already installed.



**47% of millenials** already have smart home products installed in their homes.

#### The growth of Smart Homes

It is predicted that there will be 70.6 million smart home households by 2023 (nearly double from 34.8 million in 2018).

> Sources: Statista and Dream Home Inspections

The average monthly savings from using smart home products is \$98.30, which adds up to an average of \$1,179.60 a year.





#### Life made easy



The CookingPal



#### Numi Kohler Toilet



Samsung Family Hub Smart Refrigerator

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#### The growth of telehealth



The demand for telehealth has increased by 64% since the beginning of the year.

The temporary closure of community and home-based supports during the pandemic means that thousands of older adults are unable to attend one-on-one and small group workshops to learn about disease self-management, fall prevention, physical activity, and many other topics.











## **COVID** has changed our world forever and technology is responding.