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Masimo

CWNE # 159

What is your level of industry experience?

Main focus in on the implementation of Wi-Fi Medical Devices at Hospitals and other healthcare facilities. Been involved working in this area since 2006.

Where did you receive your training/education?

The majority of my Wi-Fi education came from self study of applicable CWNP Study Guides. Additionally blogs, social media, white papers and other online sources were mainly used. Additionally found it extremely important to setup my own home lab to assist in reinforcing concepts and understanding how the theory worked in the real world.

When did you first become interested in wireless?

Have always played around with Wireless devices. Became seriously involved in Wi-Fi after taking an AirMagnet Class with Keith Parsons, CWNE #3. At that point, I realized how much I didn't know and how important gaining the foundational knowledge was in order to be successful in implementing our companies Wi-Fi medical devices to assist clinicians and ultimately the patients being monitored. Gaining Wi-Fi knowledge was not related to expanding my career opportunities, I felt I owed gaining this knowledge to clinicians and patients.

What certifications do you currently hold?

CWNE
CCNA - Route & Switch, Wireless, Cybersecurity
Offensive Security Wireless Professional
ECSE

Why did you choose the CWNE path?

Originally, after the Keith Parsons Class experience listed above, my goal was simply to obtain the CWNA. However, in going through the CWNA, there was a realization just how much additional information there was to learn. Due to how much we work with Hospital Wi-Fi infrastructures, the CWAP was the next logical choice. From there the journey then took me to CWSP and finally CWDP.

For me, it was all about gaining as much knowledge as possible to serve the clinicians and patients we installed our products for to serve. Secondarily, it was about continuing to be a Team resource to assist in successful deployments.

How long have you been involved in the CWNP certification process?

Believe I started sometime in 2011 or 2012 formally.

What was the hardest part of the whole process and how did you overcome it?

Would two items that were challenging: 1) Time; and 2) Overcoming difficult topics.
There is so much to learn that it really takes a good dedication of time to get things accomplished. For me it was about setting up a schedule and sticking to it as much as possible to be able to stay on track.
Related to overcoming difficult topics, the Wi-Fi community is absolutely amazing. Having the ability to reach out to industry experts to gain a different point of view on a topic was very helpful. Also applied the 'Good Will Hunting' approach of reading as many different sources as possible to get different explanations so hopefully the light bulb would go on.

What would you say to anyone considering a CWNE designation?

First I would encourage anyone thinking about this journey to definitely pursue it. It is extremely valuable and opens the doors to many other IT disciplines, whether that be designing, securing or troubleshooting complete network infrastructures.

What value will your CWNE provide to you, your clients, and/or your company?

The CWNE provides amazing value in the fact that it is the 'foundation' of Wi-Fi knowledge. Understanding simply how Wi-Fi frames are transmitted is crucial in understanding why a solution is working or not working. Having this foundational knowledge assists in providing value to our company to ensure we are implementing functions/features against the 802.11 standard. It assists our clients in having the proper implementation of our products to work on their existing Wi-Fi infrastructure, which ultimately saves them money. Ultimately the most important is value it brings to patients being monitored on the products we provide.