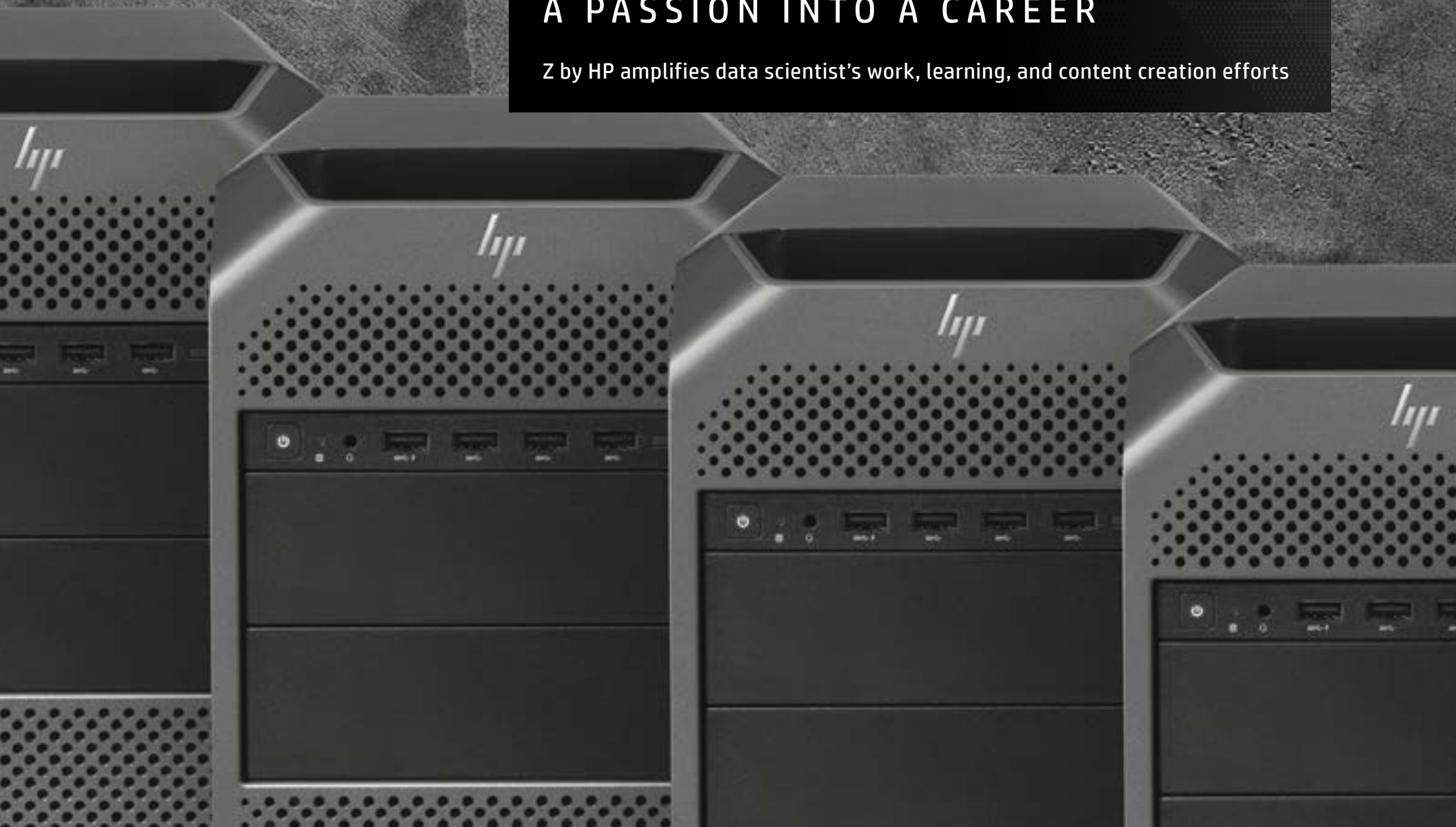




KEN JEE: DATA SCIENCE CONVERTS A PASSION INTO A CAREER

Z by HP amplifies data scientist's work, learning, and content creation efforts





A linear career path is good, but an unexpected one is more interesting. Just ask Ken Jee.

As a youngster, Jee loved sports and set his cap at becoming a professional baseball player. In high school, however, a shoulder injury sadly laid those dreams to rest. So, Jee put his energies into golf during college, but saw limits to his capabilities there as well. He wondered how he could improve, even find an advantage. Then, a lesson from his economics courses came to him like an

epiphany: we are understanding the world through trends and data. Jee considered, could that work for his game?

He began collecting, tracking, and analyzing his stats, and started to see returns by practicing different techniques based on the data. An average student, Jee suddenly realized that he could apply what he was learning in school to his passion for sports. He moved rapidly to the top of his class—and inadvertently started down a career path in data science.

AT A GLANCE

KEN JEE, HAWAII, USA

- Head of Data Science at Scouts Consulting Group
- MS Computer Science, DePaul University; MS Commerce, University of Virginia; BS Economics, Towson University
- YouTube channel: 140K+ followers
- LinkedIn Connector: 45K+ followers
- Medium blogger: 2.5K+ followers, 350000+ article views
- Udemy course instructor: 3000+ sales of the “How to Start a Career in Data Science in 2020” course
- Created #66DaysOfData challenge to help people develop the habit of learning (5500+ members)
- Enjoys golf, fly fishing, yoga, and cooking



As a Z by HP Global Data Science Ambassador, Ken Jee's content is sponsored and he was provided with HP products.

Soon, he got caught up in fantasy sports, online games where participants assemble virtual or imaginary teams made up of proxies of professional players. The teams compete based on statistical performances of those real players. Jee says, “I became obsessed. I was building models to predict wins and draft teams. My economics courses had given me basic data literacy, but I had no skills in model building so I went back to school to acquire the technical proficiencies I needed.”

For Jee, data science beautifully marries the statistics he learned in economics, the business intuition he gained from his masters

competitive concerns. In Kaggle, that's what we do—we share our results, our learnings. Placing in a competition is nice, but the best value is in the learning. Business would find it very valuable.”

Power, performance, and protection, from anywhere

From pharma to gaming, finance to manufacturing, nearly every industry can benefit from data science. Even in sports, the biggest changes in professional athletics have occurred off the field, with analytics being deployed to revolutionize how teams

“THE POWER, PERFORMANCE, SECURITY AND STABILITY OF THE Z BY HP SOLUTIONS—THESE ARE PURPOSE-BUILT FOR EXTRACTING BUSINESS VALUE FROM DATA. IT'S EXACTLY WHAT BUSINESSES NEED TO BE COMPETITIVE TODAY.”

Ken Jee, Z by HP & NVIDIA® Data Science Global Ambassador

in global commerce, and the skills he learned in his computer science courses. He also joined Kaggle, the world's largest online data science community, because in his words, “Kaggle is the best place on the Internet to learn and share data science information. It's a community to ask, to share, to collaborate, to create, to advance your craft while solving real problems, big and small.”

He points out that one of the biggest benefits of Kaggle is the ability to easily and actively compare solutions. He says, “In business, it can be really hard to compare outcomes and quality of solutions due to

evaluate players and develop on-field strategies. Small adjustments prompted by new insights can tune player performance, build a better understanding of fan behavior, and inform product and services to maximize revenue.

As a Z by HP & NVIDIA® Data Science Global Ambassador, Jee has had the opportunity to use the HP Z4 G4 Tower Workstation with an HP Z38c LED Monitor, and the HP ZBook Studio Mobile Workstation on Kaggle.

Jee's first exposure to HP was watching his dad on his laptop. Jee says, “I used to think HP was older generation. When I was exploring the



SOLUTION HIGHLIGHTS:

HP Z4 G4 90 1000W PSU

- Intel Xeon® W-2295 3.0GHz 2933MHz 18C 165W CPU
- HP Linux-ready
- Operating System Load to M.2
- 128 GB (8x16 GB)
- NVIDIA® Quadro RTX 6000 24 GB
- HP Z Turbo Drive M.2 2 TB TLC SSD
- Z by HP Data Science Software Stack

Z38C DISPLAY

- 37.5-inch diagonal curve
- 3840 X 1600 at 60 Hz resolution

HP ZBOOK STUDIO G7

- Approx: 4 lbs/2 Kilos
- i9 – 10885H processor
- 32GB RAM
- NVIDIA® RTX 5000 (16 GB VRAM)
- 15.6-inch display
- Windows
- Z by HP Data Science Software Stack

PRE-LOADED, POPULAR DATA SCIENCE TOOLS, TURN-KEY & READY OUT OF THE BOX:

Z by HP Data Science Software Stack

Learn more:

Z by HP Data Science Brochure

Ambassadorship, I thoroughly researched the company and completely shattered that perception with reality. Z by HP is top-of-the-line, truly cutting edge.”

One of his favorite features is Z Central Remote Boost which enables him to remotely connect any device to the Z4 G4 workstation PC so he can work on compute intensive projects from anywhere. A big priority for Jee is content creation, especially on YouTube, which he uses to help other emerging data scientists develop their interests and gain from his experiences. He says, “I’m on the road quite a bit and video editing is extremely resource intensive. This used to be a huge bottleneck for me. With Remote Boost, I’m free to roam and keep my content flowing.”

Similarly, he appreciates that the Z4 G4 workstation and the ZBook Studio work seamlessly together, giving him incredible compute power from anywhere. And, with the HP/Ubuntu collaboration, he gets a premium experience. He says, “I can access the Tower that has Ubuntu, where I do all my hard-core data science work, and the ZBook where I do most of my content creation. It has streamlined and simplified my life. And it is aesthetically beautiful.”

The GPU-powered workstation means that the performance is local, and not dependent on a cluster, which translates to significantly faster speed, larger bandwidth, and enhanced performance. And, the Z by HP GPUs have more than 5,000 cores, enabling the computer to perform multiple tasks at up to 10X faster than CPU solutions.



“I LOVE THAT THE Z TEAM IS ALWAYS LOOKING FOR FEEDBACK FROM DATA SCIENCE PRACTITIONERS, TO KEEP THEIR FINGERS ON THE PULSE OF WHAT’S HAPPENING IN THE FIELD. I HAVE NEVER BEFORE FELT THAT A COMPANY BUILT A PRODUCT FOR ME. THE Z BY HP WAS BUILT FOR ME.”

Ken Jee, Z by HP & NVIDIA® Data Science Global Ambassador



Jee recently used his Z by HP solutions to develop a prediction model for the 2021 NCAA March Madness tournament. He says, “Z by HP is very powerful. It took a roughly 24-hour processing time and slashed it to just one hour.”

Security is also an important feature. Jee shares that one of his colleagues came from the Department of Defense so security is

always top-of-mind with him. Jee says, “At work, not all of our data is highly sensitive but having the capability to safeguard data as much as you need to is imperative. I especially like that you can disconnect from the Internet without compromising compute power.”

Jee loves his Z by HP but says he thinks the solutions really “hit their stride” in an enterprise setting. He says, “The power,

performance, security and stability of the Z by HP solutions—these are purpose-built for extracting business value from data. It’s exactly what businesses need to be competitive today.”

He adds, “I love that the Z team is always looking for feedback from data science practitioners, to keep their fingers on the pulse of what’s happening in the field. I have never

before felt that a company built a product for me. The Z by HP was built for me.”

Improving the world, one model at a time

Jee believes that, in a nutshell, life is about chasing, evaluating, and solving a series of problems. Data science lets us translate that experience into a repeatable, scalable approach. As he says, “Data science is not about math



KAGGLE: LEARN, COMPETE, CHANGE THE WORLD

- Over 6 million registered Kagglers solve data science problems, gain access to powerful tools and resources, and compete for prizes.
- There are five tiers: Novice, Contributor, Expert, Master, and Grandmaster. Currently, there are 211 Grandmasters.
- Kaggle has run hundreds of competitions, from improving gesture recognition to improving the search for the Higgs boson at CERN. Competitions have resulted in successful projects including furthering HIV research and traffic forecasting. The learnings that result from the competitions and shared on Kaggle are being transferred into enterprise workflows to transform how business works.

Visit www.kaggle.com to learn more.



or even technology, those are enablers. Data science is about problem solving. It gives you understanding and predictability.”

Jee envisions the potential for dramatic change—in business, in our environment, in our personal wellness. He says, “Think of the ocean plastics pollution challenge. There has been a big campaign around eliminating plastic straws, but in truth straws make up a very small percent of the ocean plastics problem. Data science can give us solutions to both

identify and combat the biggest contributors to the problem, like fishing nets for example.”

Jee sees data science contributing to our personal health and well-being too. “We’ve already seen a boom in tools to track, support and guide our progress to better realization, whether it is eating, exercise, stress management, or our impact on our environment. That will continue to expand and evolve for a truly holistic understanding of ourselves and our place in the world.”

THE POWER OF Z:

Remote Boost enables work from anywhere, even on resource-intensive tasks

Cut a 24-hour processing time to just one hour

Disconnect from the Internet without compromising compute power

Purpose-built for extracting business value from data

Aesthetically beautiful



LET US HELP YOU CREATE SOME AMAZING BUSINESS SOLUTIONS TODAY

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