

Dear Hiring Manager:

For the past 25 years Richard was a privileged IBM Research Staff Member (RSM) allowed to create his own incubator projects for new IBM revenue streams from his ideas and paid 230K a year. No programmer is paid that. Richard was to be an IBM Fellow.

Resent:

Richard's last Incubator project 2019 was Digital Identity that does not require access to the internet to prove who you are with a Security Mathematics patent for a Group Homomorphism US Patent 9,600,690

$$G \rightarrow H$$
$$\Phi x(u+v) = \varphi x(u) + \varphi x(v)$$

He invented the technology and did the initial prototype; eventually staffed with 10 people for the software. The Arizona State DMV was to close on this IBM software providing a royalty per Driver's license (\$20M a year royalties) at a cost of \$400 a month for host services (not much in service overhead).

IBM CEO terminated this project as it devalued blockchain services not needed anymore.

(note: Emerging Technology Division was to take this project as the cash cow project (Lead Project) for the division. The CEO terminated that division also.) Richard walked away to focus on his laser work for his brother's company.

From the start:

-Richard worked for the Carnegie-Mellon University Robotics Institute for the software of the Sonar navigation system for the Terragator that cleaned up 3 Mile nuclear disaster. The complete software for sonar mapping of the room for navigation was entirely written by Richard. Other sub projects also in Robotics.

-Richard when first hired by IBM worked in machine language assembler for Main Frame development of the Operating System. He made it a goal to have the most APARS fixed in 30 days (bugs). He fixed 30 outstanding APARS including one that was never fixed for 6 months. He then went on to rewrite the boot strap for the Main frame for dynamic loading of modules. He applied to IBM R&D as a Research Staff Member (RSM) and got in.

-In the late 1980s Richard (work for IBM Watson Research) created the Software package Fenster which was MS Windows GUI to create Executive Decision software. This Exec software solution increased revenue for VF Corp (Owns the GAP) of \$50M for turn key decision in one year. He has a number of MS Windows type patents such as US patent 5,854,629 that MS bought from IBM in a \$30M package. 10s of millions of people use his patents every day.

-Richard was transferred to IBM North Carolina as an Independent Research Staff Member (RSM) for incubator projects at IBM development. One such project was Netscape browser facilitating Auctions online shown to executives as a new revenue opportunity. IBM was not interested in that area.

-On the side Richard would be brought into emergency issues by IBM Executives such as Bank America is crashing their FAX server running out of memory; Every time a FAX is processed there is memory lose, this machine does 20,000 faxes a day and no one has been able to trace why it is losing memory. Richard found the issue that it was a vender of IBM not IBM's problem.

-Richard had an incubator to explore text chat in the early 1990s for Lotus IBM and has the dot dot chat patent as the inventor. US patent 5,999,0887. Everytime you chat on a mobile phone you are using Richard's patent.

-Richard had an incubator project with Tom Clancey for gaming using a Lobby and a CD packaged for the book Rainbow Six. He created a few patents for IBM such as 5,946,289 for Tom Clancey and this one was issued in

in four months and IBM sold it for \$400k immediately. He also patent 5,984,787 the Multi User Game service concept. Tom Clancey insisted that Richard be the front person for the News Release in Washington DC for his Book.

-Through IBM Executive Level assignment, Richard took charge of four R&D division (China, Japan, Korea, USA) of Machine Translation R&D that could not cooperate for 17 years and architected/designed a product of their work. Richard is an R&D person and they trusted him and it was delivered. A staff of ten people were added to this testing/delivery/etc and Richard was granted live access to the New York Stock exchange machine to investigate and solve an issue which was caused by the customer. (trust)

-Richard wrote a paper for Reuters of this machine translation technology for 3 days work and IBM charged \$25k for the paper.

-Richard then moved onto the Tivoli Division for incubating new GUI for performance indicators and new type of service Dashboards for mashup of pluggable parts. This is a very interesting patent 8,495,511 for Tivoli to have a disruptive technology for the industry.