



VERITAS™

CLIVE ENGLAND

Bethany School 72-76

Computers and Technology 1984-2017

My Journey 1976 -> 2017

• 1972 Bethany	Technical Drawing
• 1976 Brighton Technical College	OND Technology
• 1979 Brighton Polytechnic	Bsc (hons)
• 1984 Software Development	Chartered Engineer
• 1990 Cray Research	Technical Support
• 1998 Veritas Software	Customer Service Manager
• 2010 Symantec Software	
• 2016 Veritas Software ... Again	Technical Service projects
• 2017 Retired to do other things	

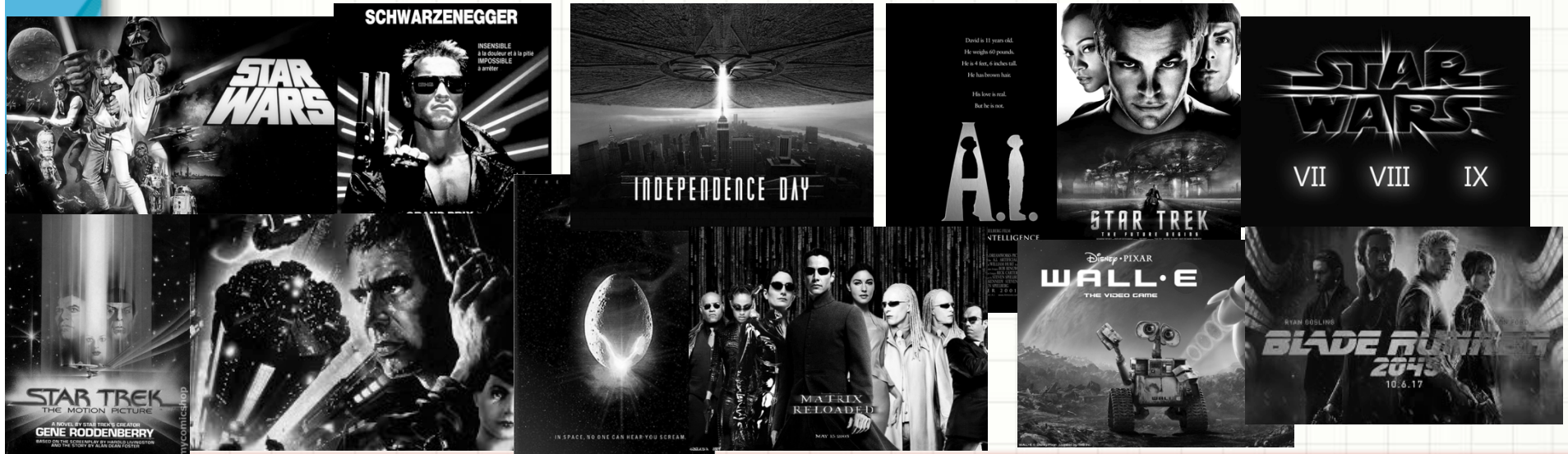
Q: What's the most important thing to understand about working in technology ?

A: It's mostly about the people, work colleagues and customers.

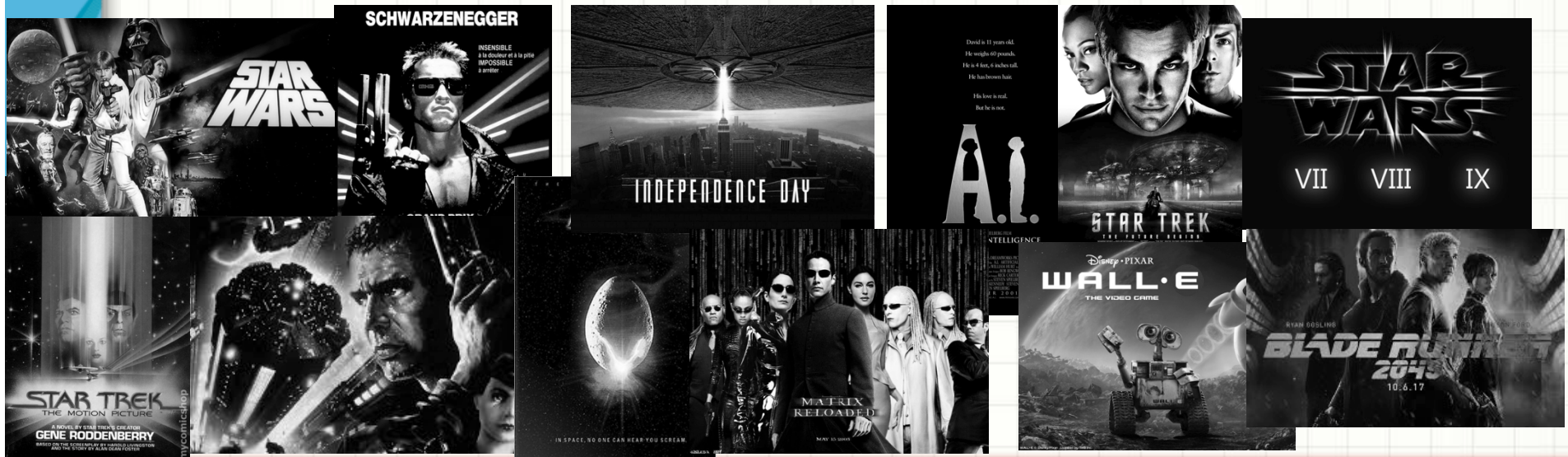
76 – 84 – 91 – 00 – 05 – 10 – 18



76 – 84 – 91 – 00 – 05 – 10 – 18



76 – 84 – 91 – 00 – 05 – 10 – 18



DON'T WORRY



I'M FROM TECH SUPPORT

5 Software fixes for the world

- Recover to last known good

Netbackup, System recovery

VERITAS

- Teamwork for reliability & performance

Veritas Cluster Server, Disk Volume manager & dmp.

VERITAS

- Good stuff, Bad stuff, best stuff

Cyber Response, Verisign trust certificates, Norton AV, Brightmail

VeriSign®

- Document management

Archiving, de-duplication, Legal discovery

Enterprise
Vault™

Norton
by Symantec

- Tools to solve tech problems

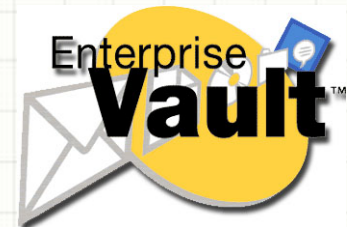
Desktop encryption, Data loss prevention,
Access management (single sign on),
Desktop PC Management suite

Symantec

**1 Billion
£
Every
Quarter**

5 Roles in a Technology house

- Programmers and product engineering teams (innovation and encoding)
- Salesperson - understanding to enthusiasm - order to cash
- Product technical support and general customer support
- Service operations – web face, licensing, distribution, Sales channel
- All the usual big company jobs , Marketing , HR, Legal, Facilities, IT systems.

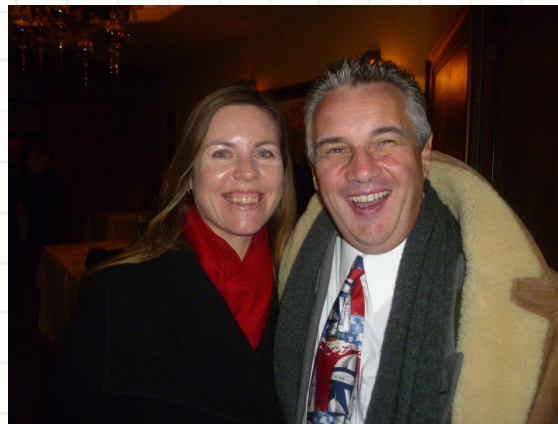


The world is smaller – more complex

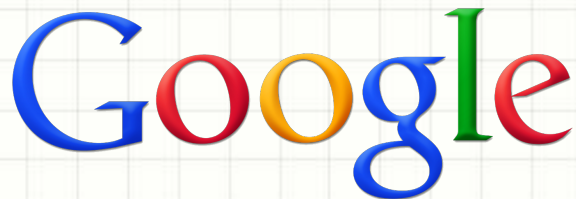
My sister recently found this Bethany photo from Speech day 1976.



Time to find and contact old friend – about 10 minutes – Located in Texas via Facebook.

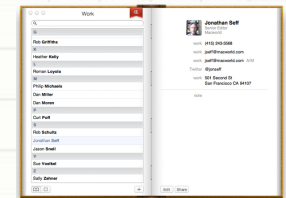
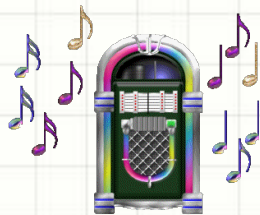
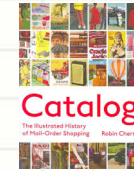


These did not exist when I left Bethany

































What will you build ?

What's in your iphone ?



What will you build ?

What's next in technology ?

 <p>#1 Artificial Intelligence AI /Machine Learning / Deep Learning</p>	 <p>#2 Internet of Things IOT , IIOT, Sensors & Wearables</p>	 <p>#3 Mobile/Social Internet Advancements - Search/Social/ Messaging/Livestreams</p>	 <p>#4 Blockchain Distributed Ledger Systems, Apps, Infrastructure, Technologies Cryptocurrencies & DApps</p>	 <p>#5 Big Data + Predictive Analytics</p>
 <p>#6 Automation Information, Task, Process, Machine, Decision & Action</p>	 <p>#7 Robots Cons./Comm./Indus., Robots, Drones & Autonomous Vehicles</p>	 <p>#8 Immersive Media - #VR/ #AR/ #MR/ 360°/ Video?Gaming</p>	 <p>#9 Mobile Technologies Infrastructure, networks, standards, services & devices</p>	 <p>#10 Cloud Computing SaaS, IaaS, PaaS & MESH Apps</p>
 <p>#11 3D Printing Additive Manufacturing & Rapid Prototyping</p>	 <p>#12 CX Customer Journey, Experience Commerce & Personalization</p>	 <p>#13 EnergyTech Efficiency, Energy Storage & Decentralized Grid</p>	 <p>#14 Cybersecurity Security, Intelligence Detection, Remediation & Adaptation</p>	 <p>#15 Voice Assistants Interfaces, Chatbots & Natural Language Processing</p>
 <p>#16 Nanotechnology Computing, Medicine, Machines + Smart Dust</p>	 <p>#17 Collaborative Tech. Crowd, Sharing, Workplace & Open Source Platforms & Tools</p>	 <p>#18 Health Tech. Advanced Genomics, Bionics & Health Care Tech.</p>	 <p>#19 Human-Computer Interaction Facial/Gesture Recognition, Biometrics, Gaze Tracking</p>	 <p>#20 Geo-spatial Tech. GIS, GPS, Mapping & Remote Sensing, Scanning, Navigation</p>
 <p>#21 Advanced Materials Composites, Alloys, Polymers, Biomimicry, Nanomanufacturing</p>	 <p>#22 New Touch Interfaces Touch Screens, Haptics, 3D Touch, Paper, Feedback & Exoskeletons</p>	 <p>#23 Wireless Power Bio-/Enviro-Materials + Solutions, Sustainability, Treatment & Efficiency</p>	 <p>#24 Clean Tech. Bio-/Enviro-Materials + Solutions, Sustainability, Treatment & Efficiency</p>	 <p>#25 Quantum Computing + Exascale Computing</p>
 <p>#26 Smart Cities + Infrastructure & Transport</p>	 <p>#27 Edge/Computing + Fog Computing</p>	 <p>#28 Faster, Better Internet Broadband incl. Fiber, 5G, Li-Fi , LPN and LoRa</p>	 <p>#29 Proximity Tech Beacons, .RFID, Wi-Fi, Near-Field Communications & Geofencing</p>	 <p>#30 New Screens TVs, Digital Signage, OOH, MicroLEDs & Projections</p>

THE 30 TECHNOLOGIES OF THE NEXT DECADE

Created by: Sean Moffitt @seanmoffitt , Managing Director, @Wikibrands

WIKIBRANDS

Who's Getting Started in Business ?

With the LinkedIn Top Startups list, we wanted to provide professionals with a look at the young companies reaching that escape velocity. As always, we started with the data — the billions of actions generated by LinkedIn's 575 million members — and focused in on four pillars: employee growth; jobseeker interest; the level of professional engagement with the company and its employees; and how well the startup pulled talent from our flagship [LinkedIn Top Companies](#) list. In other words, which startups are commanding the attention and working hours of top talent?



Monzo Bank
Banking



Skinnydip London
Retail



Revolut
Financial Services



DAZN
Sports



Gymshark
Sporting Goods



ClearBank®
Banking

- <https://www.linkedin.com/pulse/linkedin-top-startups-2018-25-most-sought-after-uk-isabelle-roughol>



How to thrive in STEMM careers

- Science, Technology, engineering & medicine are all team sports.
- Research how stuff works, not just how to work stuff.
- Prototype & evolve based on customer feedback but hold to vision.
- Cost, quality or on-time. Pick 2/3 is no excuse for poor project planning.
- Be smart, but get things done.
- Always use the best tools for the job – make them if you have to.

Who are



- Wordpress web content hosting for large enterprise customers
- Top tier service for demanding businesses
- Partners with Amazon web for global scale
- Launched in 2009 now multi-million \$
- Customers list .. Time Warner, Disney, Visa, UNICEF, Sprout Social.
- Owned and run by my brother Josh in Tucson Az.

How to get started in Tech...

- Build a website
- Wrangle data
- Learn to code – Processing, <http://codecademy.com>, Go , Swift, python, perl, <https://www.codingame.com>
- Publish something
- Team problem solving
- Build an App
- BCS Digital Apprenticeships



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