Industry Guest Lecture

Critical Skills and Practice 2026

Thursday 5th November

Attendance

- Will be showing the attendance QR code in person

WooClap

- Send questions here, will get to them at the end of both speakers

Go to wooclap.com

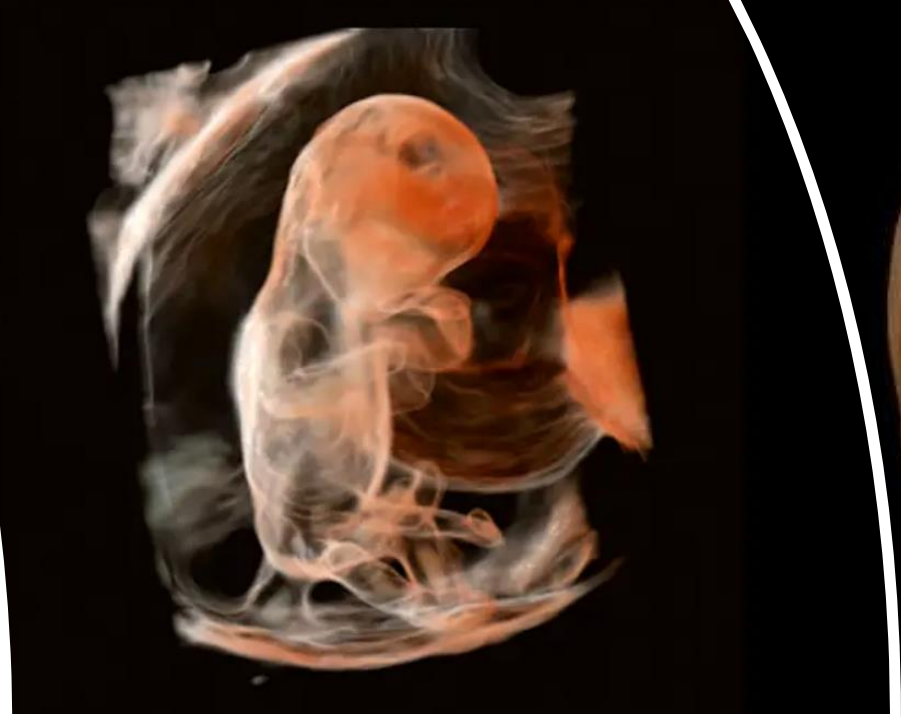
Enter the event code in the top banner

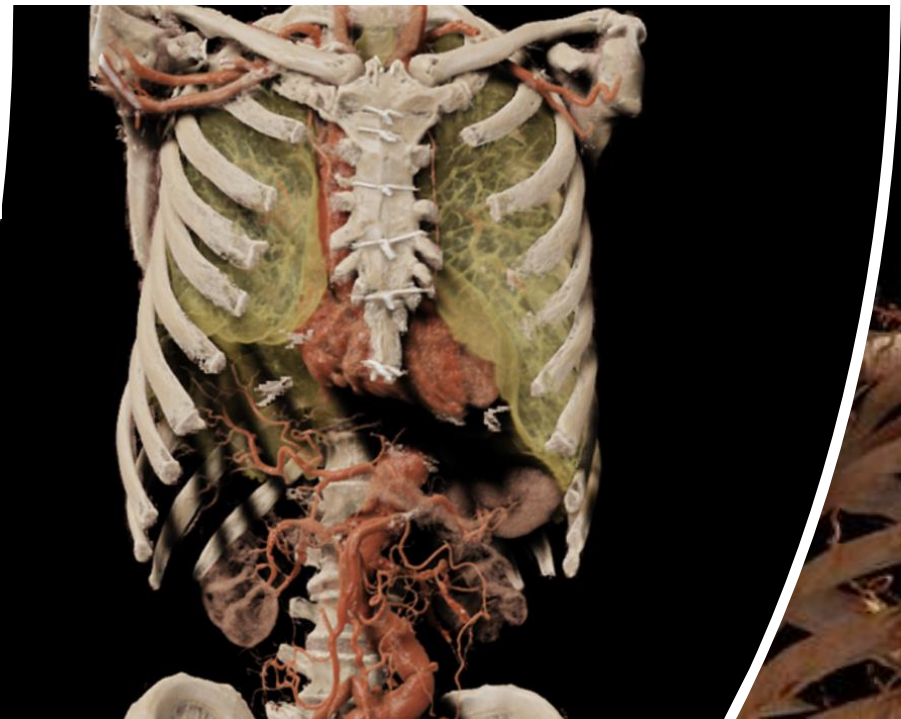
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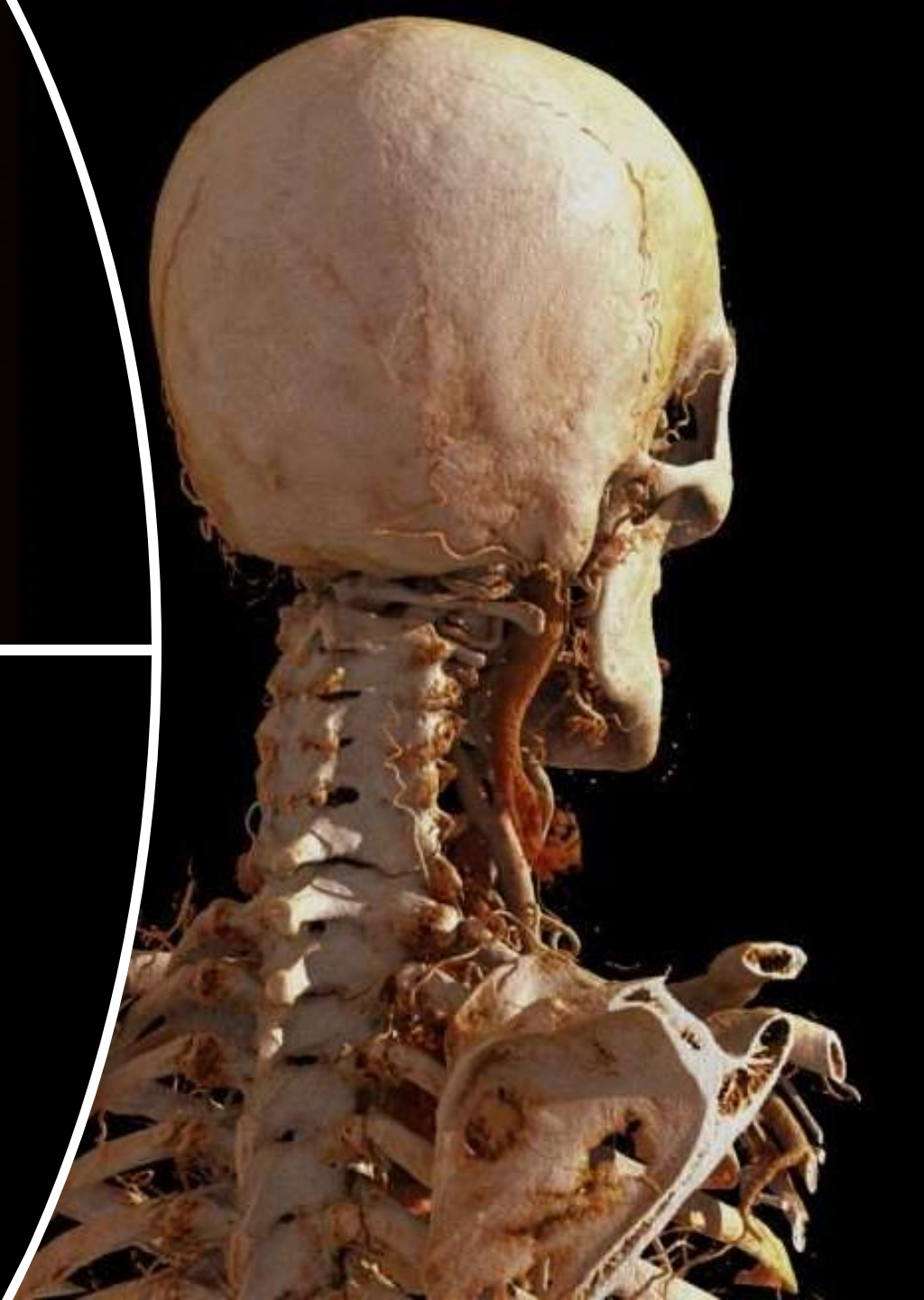
ZQFPKUR

Peter **Can**n**on**
Scientist –
Medical
Visualisation/Imaging

Canon
CANON MEDICAL RESEARCH EUROPE, LTD.





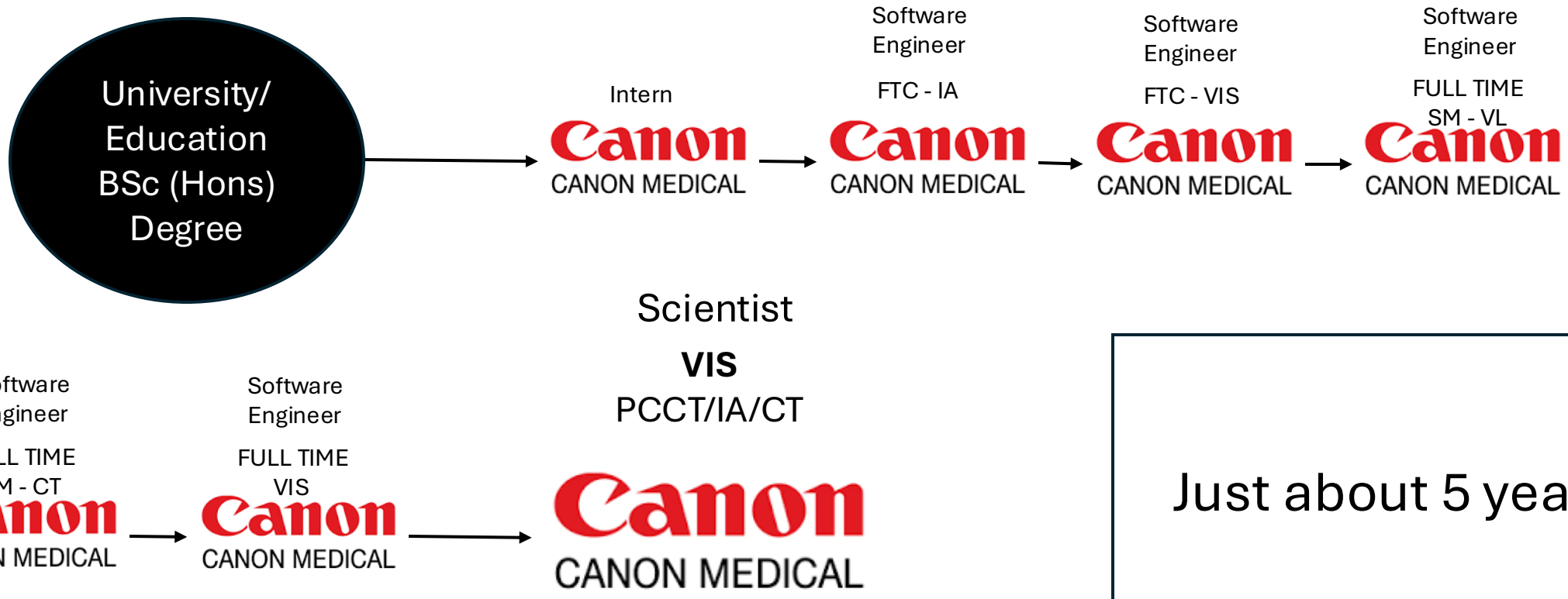


Canon

What do you want to do...?



What I did:



Just about 5 years...

Industry & Academia

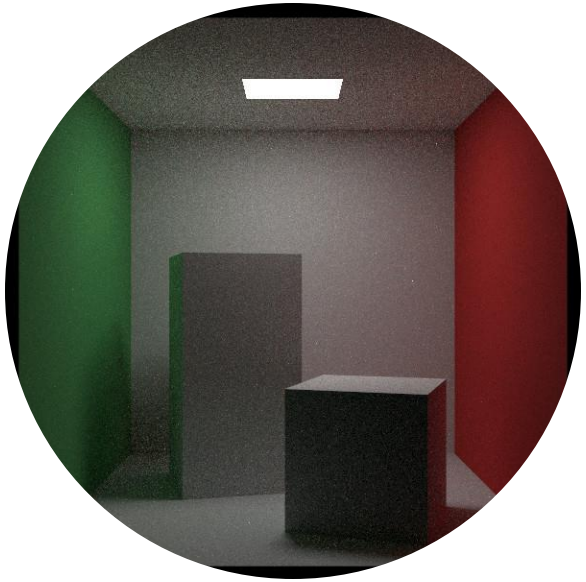
A few things to keep in mind:

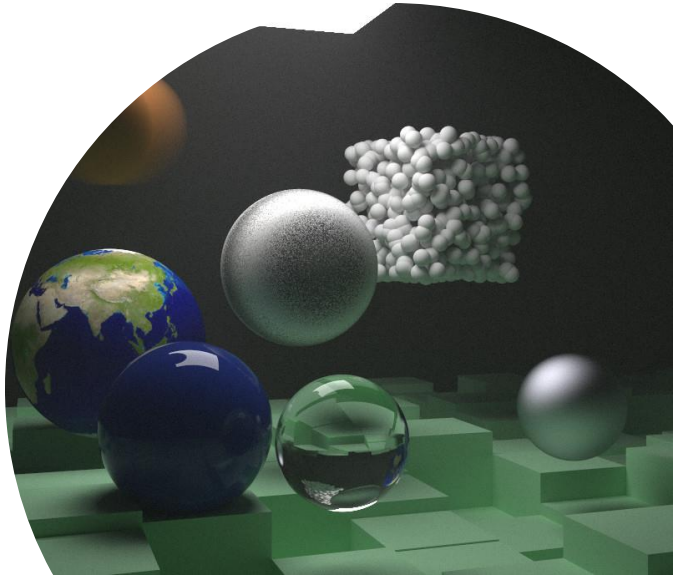
Doing extra curricular stuff, will help you stand out.

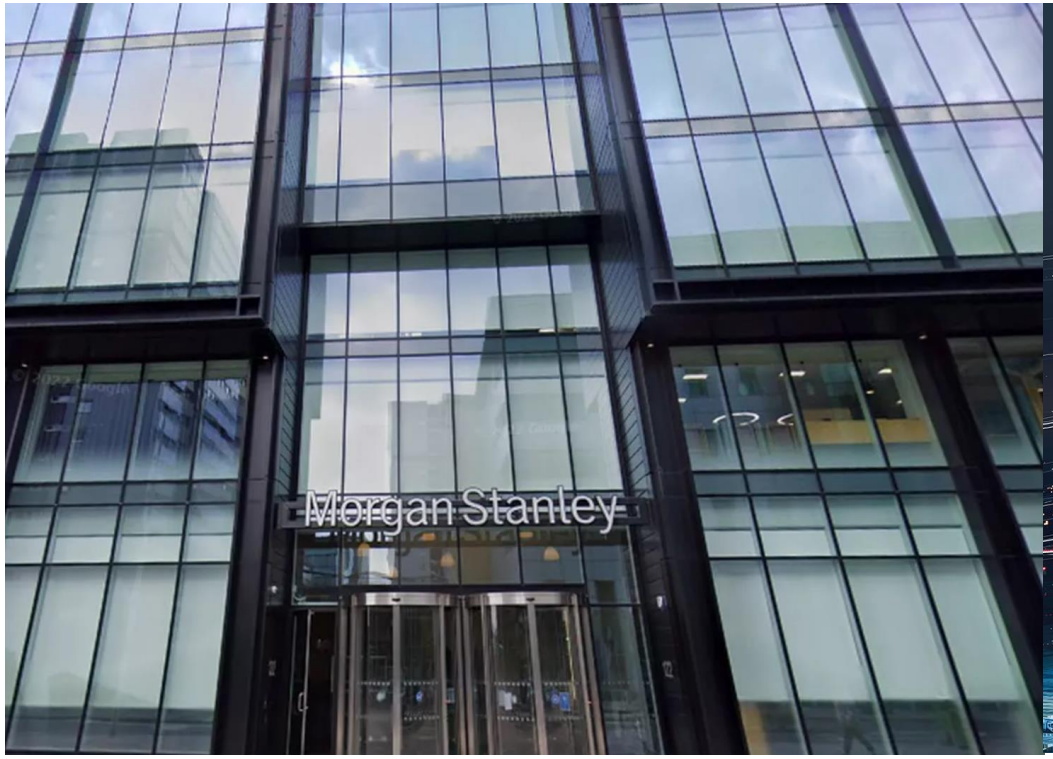
I think its also important, **to find the thing you like**.

Most of all, **learning isn't a race**.







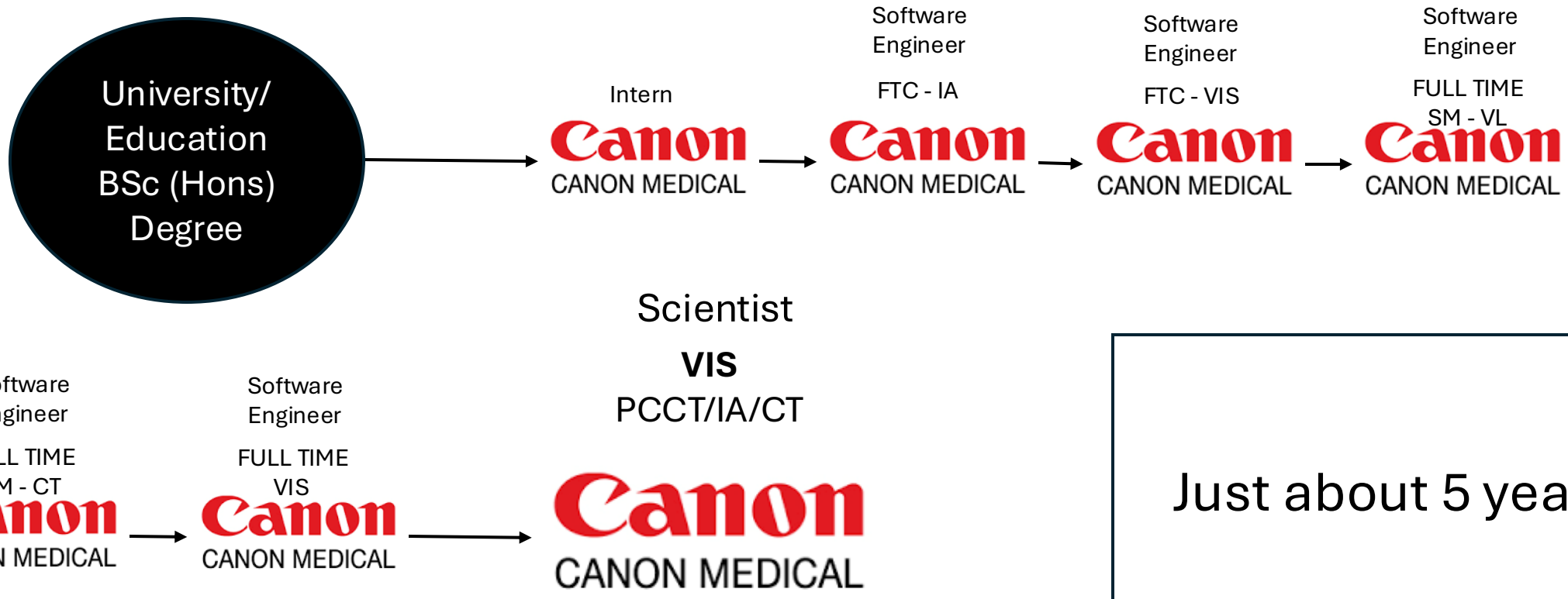




Try things, and don’t be afraid to fail.
Interviews – also work **both** ways!

- Morgan Stanly
- NATS
- It is worth doing the extra-curricular stuff
- Mentorships are really good.

Back to….What I did:



Just about 5 years…

How I see myself...

- Falling down the stairs, into the industry?
  - Had no idea what medical imaging really was?
  - Didn't really imagine medical rendering existed at all.
  - Applied for an internship... and when I read the description, I was really stunned.
  - Got the interview... Got accepted!
  - **Got sacked before my first day!**



Research And Development Intern (Kind of)
Canon Medical Research Europe Ltd. · Internship
May 2020 - May 2020 · 1 mo
Edinburgh, Scotland, United Kingdom · Remote

Cancelled due to COVID, but legally employed: its on here because I find it funny.

And I did succeed in getting the place!

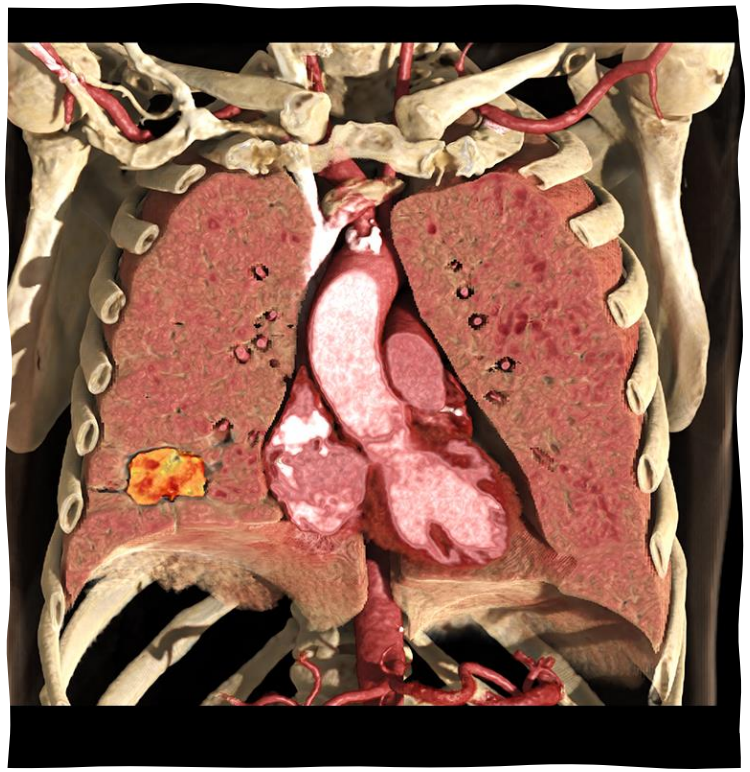
Patience

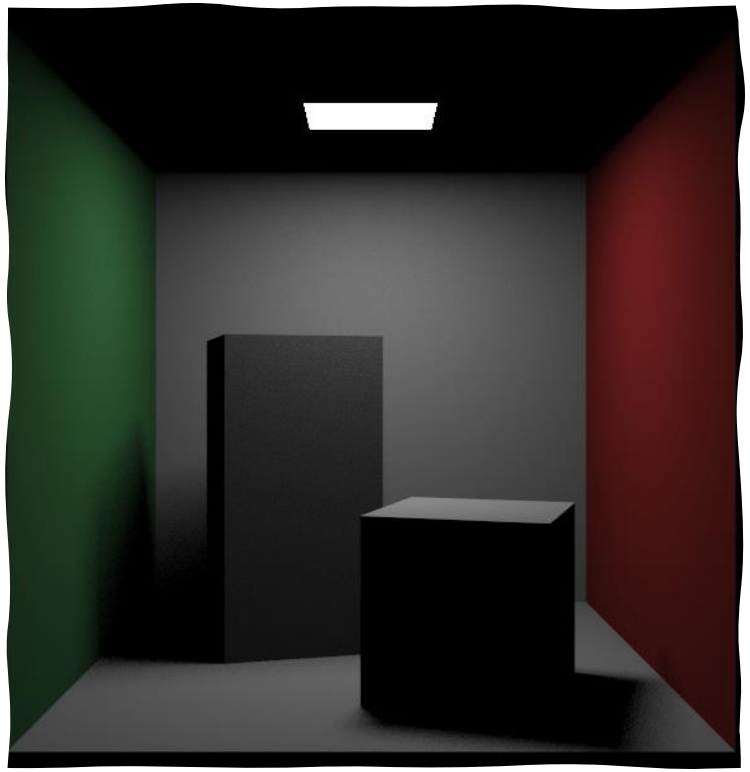
Visualization Technology | Canon Medical Research Europe

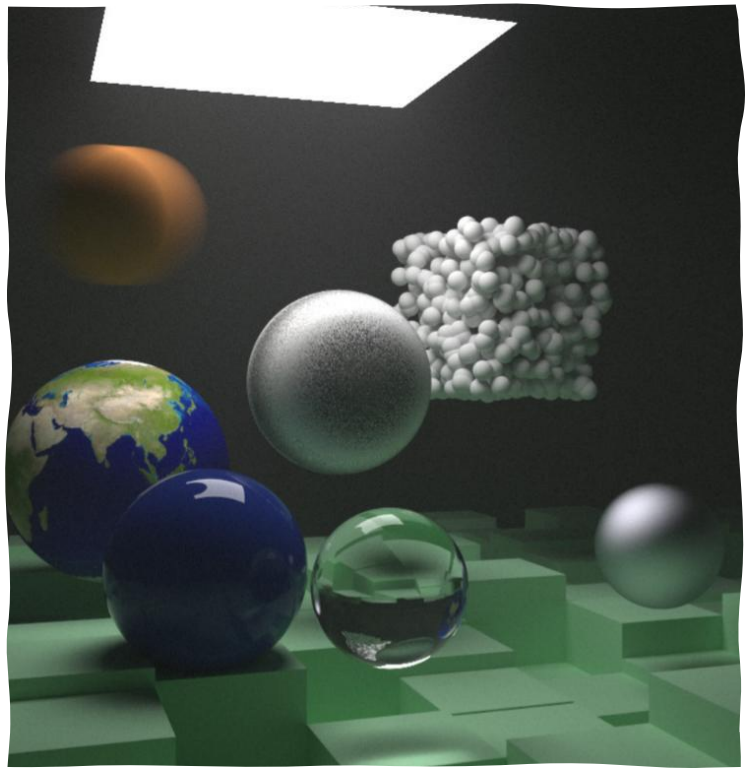
COVID-19 RESPONSE

- A bit depressing
- good for student finances…
- (Linked in entry)
- .. Next year

Internship: Visualisation







Contractor: Visualisation

- A month or so after leaving.. I get a phone call from my old boss.
- Asking if I would like to come back, and do a 6-month contract on the same thing



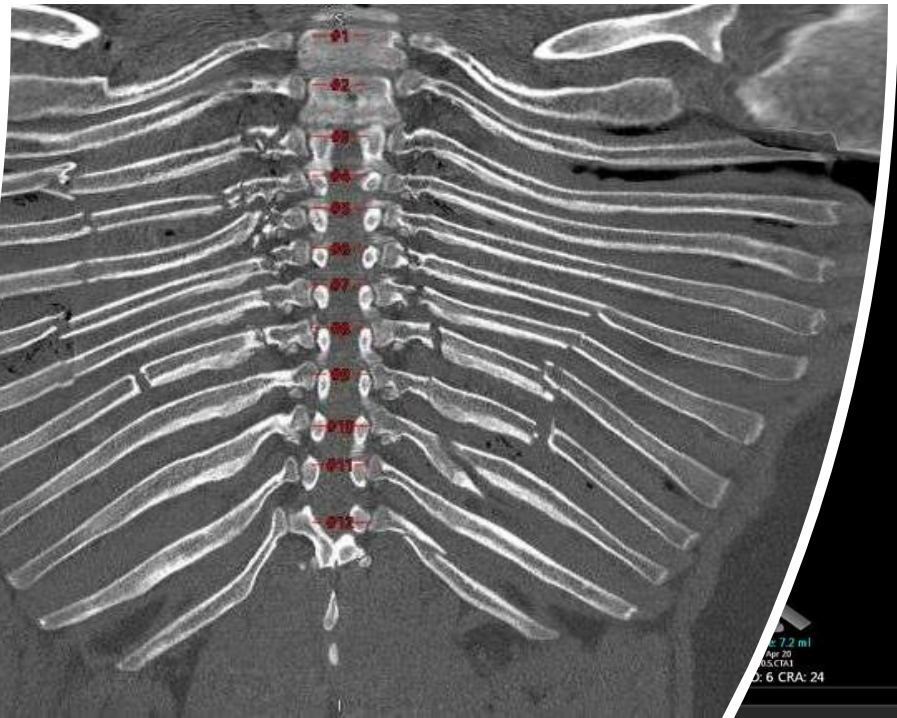
Another phone call… Contractor: Image Analysis

Working in Python, AI, and segmentations of organs.

Some funny interview questions….









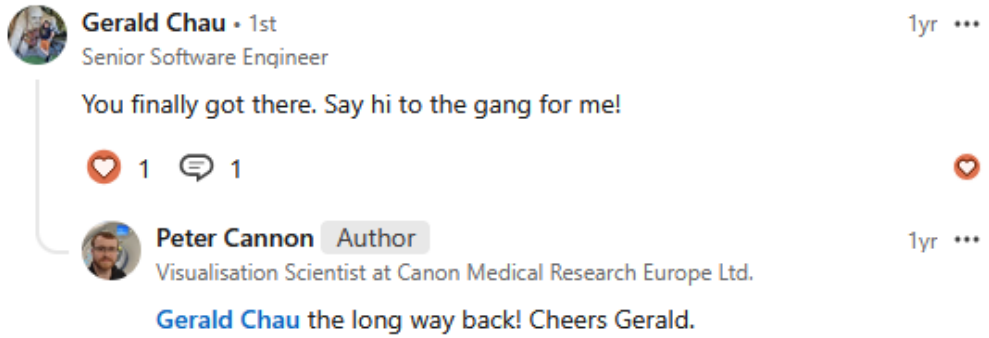
Full time SM-VL and CT

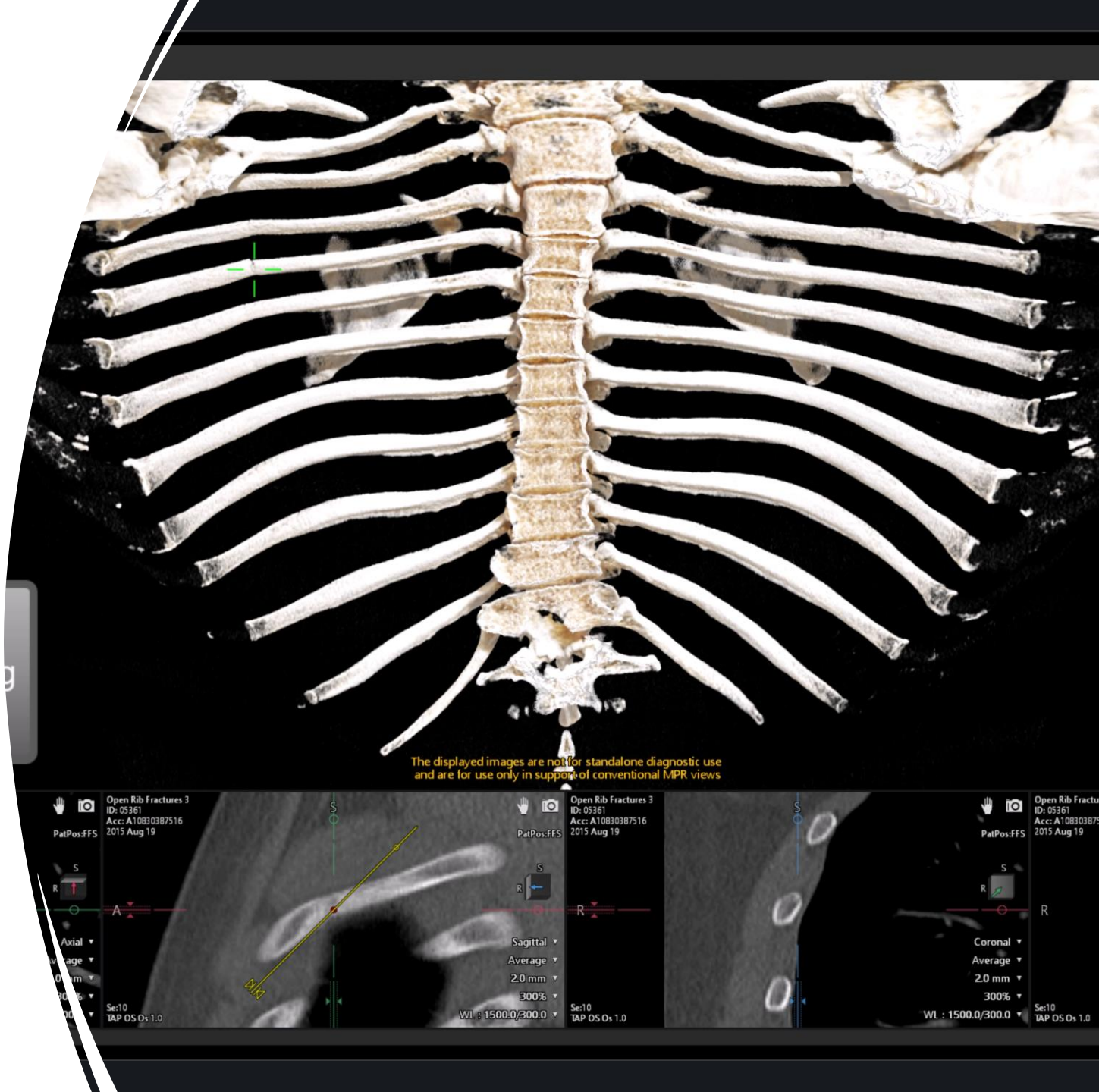
- Being involved in IP (intern)
- Visiting hospitals,
- Working with great people,
- Making very cool stuff, very.. Very cool stuff.
- Very close to product, seeing how clinical applications are used



Full-Time in VIS

- This really is where I feel I have met largely my career ambition.
- Being a Visualisation scientist really is what I love doing.
- Really a long-awaited return:





Thoughts from industry on Job Interviews

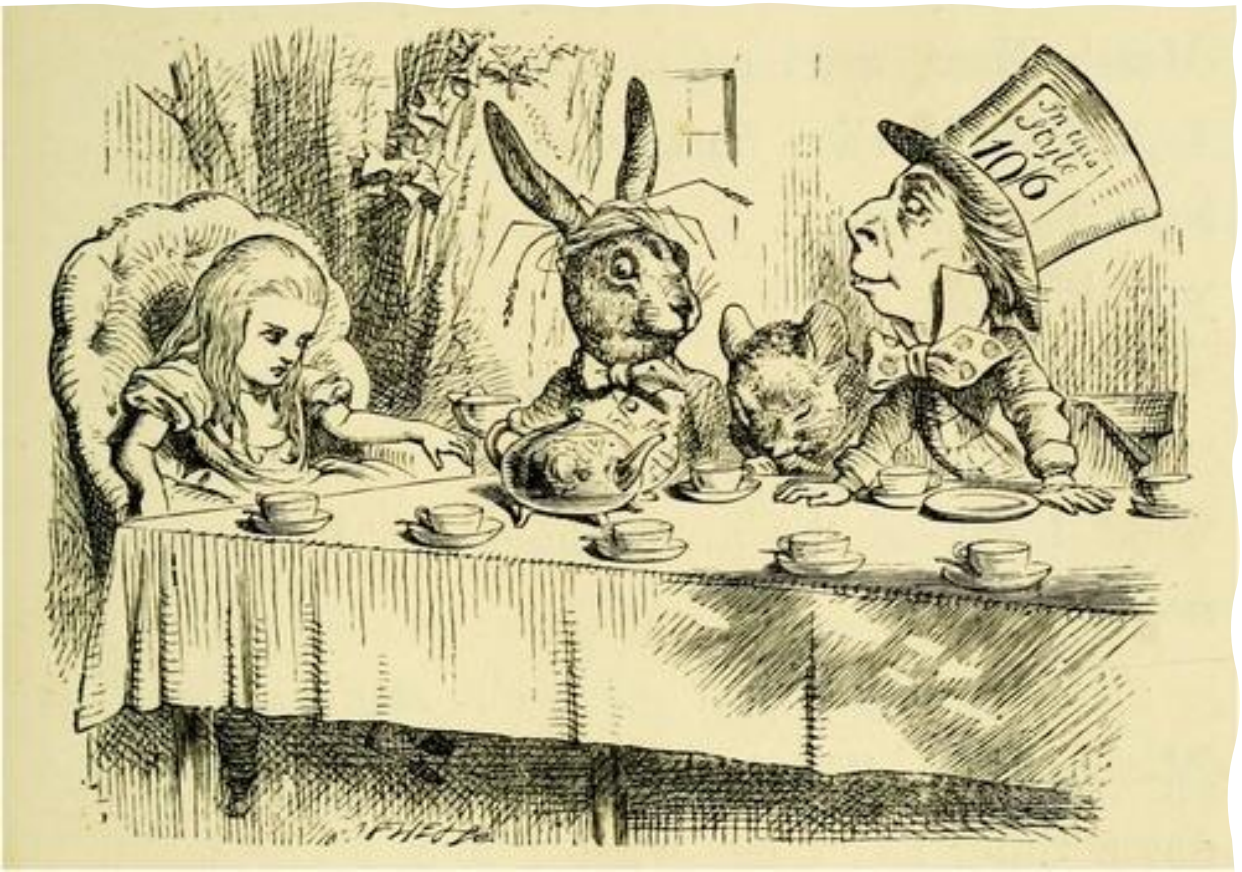
- Recently, you may have noticed… the graduate market is.. Not good.
  - Learn things, which are **useful** but maybe not in the syllabus. CI-CD tools for anyone in programming. CMake, for C++.
  - Algorithm development, data structures, Programming patterns.
  - Git, Github etc.
  - *A personal thought for:* CV's/Cover letters, don't say leadership, do say empirically things you have done.
  - Ask the person, "do you like your job?"
  - **don't be discouraged by failure, or lack of feedback**. It's not a perfect system, is a human system, and we all make mistakes.

  - All of the above, I believe, are still relevant with the advent of AI tooling. You absolutely, do need to know how to architect, and write good/clean/efficient code.

A final story to remember this by…







During my only Canon Interview

- I got grilled on C++ smart pointers, and their implementations….(basic technical question stuff)
- **But memorably,** I went on a total rambling tangent, about a subject which is commonly used… but no-one teaches – Quaternions… and its relationship to Alice and wonderland.
  - AI doesn't change interest.
  - Enthusiasm, shows.
  - Learn stuff, even if its not in the syllabus
  - Be interested!


Made For life

ENODA
harmonising energy

From University to Industry: Working in Technology

Jean-Baptiste Doyon | ENODA | Senior Devops Engineer

05.11.2026

Approved for release

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My Background

Academic Experience





2010-2013

Nice, France

CS Bachelors Degree





2013-2014

Stockholm, Sweden

CS Masters Degree





2014-2015

Delft, Netherlands

CS Masters Degree





2015

Antwerpen, Belgium

Medical Image Processing Intern

Professional Experience



seebyte
A BATTELLE COMPANY

2016 - 2020

Edinburgh, UK
Software Engineer



FANDUEL

2020 - 2025

Edinburgh, UK (remote)
Devops Engineer



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2026 - Present

Edinburgh, UK
Senior Devops Engineer

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My Role at ENODA

What I do

- Build tooling
- Operating infrastructure
- Supporting developers



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My Advice for You

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Never Stop Learning

- Your current toolkit WILL become obsolete
- Hunger beats tenure
- You will have many jobs in your career: EXPLORE!

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Learn Wide
Not Just Deep

- You never know what will become the critical insight
- Easier to be top 25% in 2 topics than top 10% in 1
- Learn the domain your software applies to

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Software is a Community Effort

- Professionals work in teams; there are no lone wolves
- Communication is a MUST (clearly explaining ideas, writing, speaking, etc)
- Beyond just the job: online communities (Github, Discord, etc)

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