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1 COVID19 Dynamics on Career

1.1 Shreyas Bapat

1.1.1 Slides : covid19.shreyasb.dev

2 Me

I am the Lead Developer of The EinsteinPy Project. I work for a Singapore based cloud computing company. I am a Managing Member of Python Software Foundation. Also an amateur astronomer as the sun sets (I photograph and simulate black holes :p).

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3 Shockwaves of COVID19

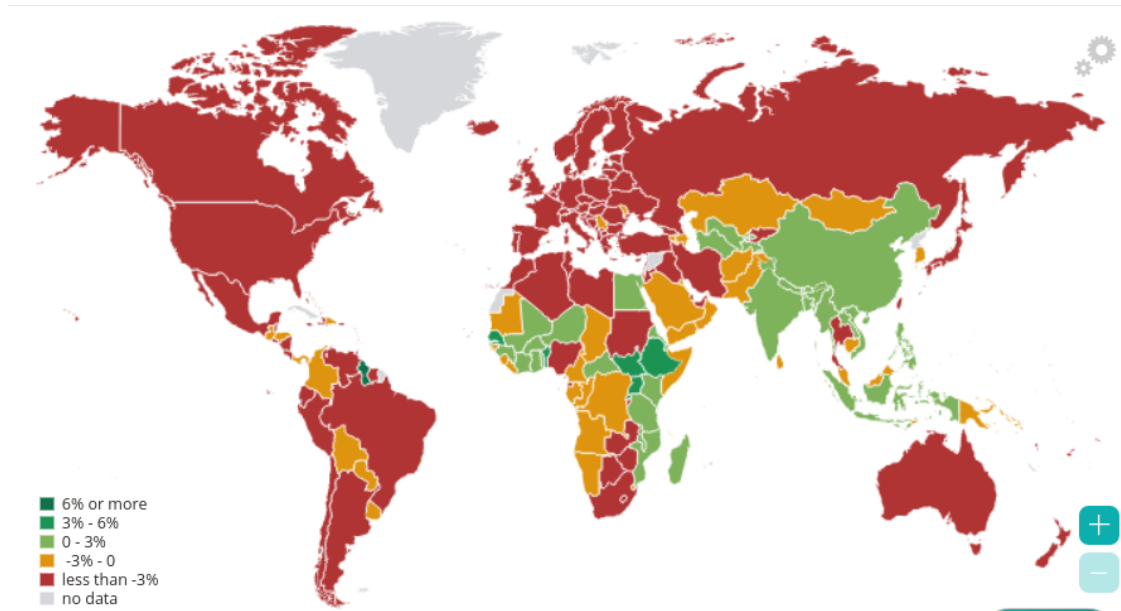
4 Economic Slowdowns. Or Shutdowns?

5 Repercussions

- Large number of Layoffs. Large companies struggling to sustain.
- Almost 3.3 Crore jobs lost only in USA
- Once in a 100 year event.
- Inflation could go sky high!
- World Oil Crash
- Production almost ~0

6 So what then? Does that mean we are doomed?

7 On the positive side, here are IMF Predictions for GDP Growth Rate



Source : https://www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/ADVEC/WEOWORLD

8 How to find a Job 101

- Find a company that is not hit due to the pandemic
- Find a role which is needed for the survival (even if not expansion)
- Every other company is running on reserves these days. They will still hire the people who will make them survive the pandemic and the economic depression which will follow.
- Build up skills that matter. Companies are always looking for people who have the required skills.
- Network! Network! and Network!

9 How to Network?

- Create a **GitHub** Profile and contribute to open source software (If you want a computer science job) [Because why not?]
- Network on **LinkedIn** (Most Popular)
- Do some impressive work. Some project / Internship.
- Be active on some of the online communities.
- Attend online **conferences**. Upcoming [PyCon India 2020](#) , [Scipy 2020](#), [Austin \(Texas\)](#). These have job boards. Plenty of jobs, talent hungry companies. Find a conference in your domain.

10 Further Studies

- A Master's degree only adds value to your profile. There are a few places to get a good masters degree.
 - IITs in India : They offer excellent programs, lot of research funding. And after all that, great placements.
 - IISc Bengaluru : The best institute in India for Science and technology.
 - IIMs (I have a very little or no idea)
 - TIFR (For Pure sciences)

11 Any other options?

12 Finding a Grad School outside India

You should start by reading this : <http://precog.iiitd.edu.in/graduate-school-faqs.html>

This is an excellent article by [Prof. Ponnuram Kumaraguru](#) (IIIT Delhi).

12.1 Possible and most popular options:

- **Germany** - TU9, RWTH, Max Planck Institute etc. (Free Education)
- **UK** - University of Edinburgh, Bristol, Oxford, Imperial College etc. (1 Year Master's Programs)
- **Rest of Europe** - Politecnico di Milano, ETH Zurich, KTH Royal etc. (Easy Student Visa, and EU work visa)
- **Canada** - University of Toronto, University Of British Columbia etc. (Easy Student Visa)
- **USA** - All Ivy League, MIT, Stanford etc. (Very competitive first tier, difficult visa), High opportunities of employment.

13 Is that it? Is there a way I can do something else? - Startup!

14 Open a Startup

14.0.1 P.S. : This GIF can only be a reality after years of hardwork, smartwork and luck.

15 Ease of Doing Business in India

15.0.1 Have a look at the data here: https://en.wikipedia.org/wiki/Ease_of_doing_business_index

15.0.2 Observations:

Significant improvements in the rankings since last few years. Government of India really focusing on making the process easier. Also see: [Startup India](#)

With Govt backing FDI and ease of doing business: Why this is best time for startups in India

Jitendra Singh August 29, 2017



15.0.3 How to open a startup in India

Covid-19 exposes Indian industry's supply chain vulnerabilities

Deepto Roy | Updated on April 01, 2020 | Published on April 01, 2020



Domestic firms must develop its own local sourcing units and adopt alternative strategies for reducing dependency on China

The novel coronavirus or Covid-19 is what

16 Recent Advancements

- Global Tenders Disallowed. Tenders upto 200 Crore to be given to Indian Firms.
- India becomes world's second largest PPE and N95 Mask Producer.
- Rs 50,000 crore equity infusion by government in MSMEs
- India Becomes world's second largest smartphone manufacturer.
- Startups and Private companies allowed on Interplanetary ISRO Missions (Space opened for Private Industry)
- Defence Manufacturing to involve Public Private Partnership.

17 India is changing, at a very rapid pace

17.1 Now is the time to be a part of it!