PhD – Everything you need to know

Adithya Bhat, Dept. Of Information Technology

About Me

- CGPA: 9.49/10.0 (#3/102)
- GRE: 323/340 (AWA: 4.0/6.0)
- TOEFL: 108/120
- Internship (II Year): Cryptography, IISc, Bangalore (IAS Programme)
- Internship (III Year): Morgan Stanley, Bangalore
- 6 month internship: Indian Statistical Institute, Kolkata

The Competition

- IIT-B
- IIT KGP
- IIT Madras
- IIT Kanpur
- IIT Delhi
- Undergraduates from all the top 30 US colleges
- Undergrads from Europe
- NITK

- IISc
- M.S/M.Tech graduates from left column
- Research associates In research labs like MSR, IBM-Research, Samsung Research, etc
- People who have amazing research experience but are working in companies for 1/2/3 years before joining a PhD programme
- Sponsored PhD programmes from Google, Microsoft, Governments, etc

Choosing M.S / PhD

A flowchart
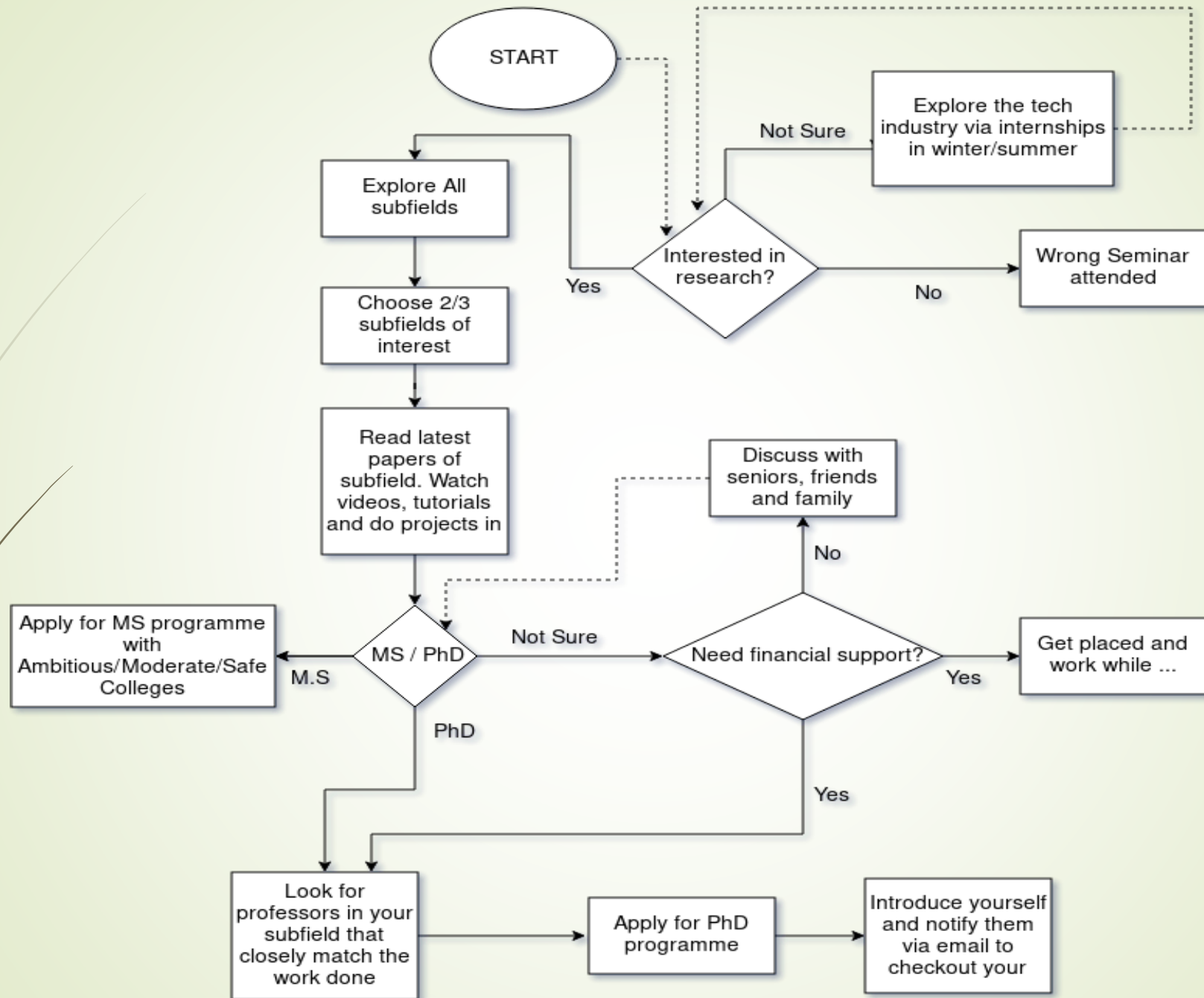
Formula for an Admit

- *Admit success chances =*

*(GPA with Rank * 15 +*

*Recognized University * 10 +*

*Standard Test Scores * 5 +*

*Recommendation Letters * 20 +*

*Research Experience * 20 +*

*Professor's inclination * 30)/ 100*

How to maximize your chances?

- Determine area of choice

- Try to publish as many papers as possible.

- Try to know your domain as well as possible

- Read as many papers in your domain as possible, know trending technologies and concepts, latest conventions, best papers of reputed conferences

- Gauge Professor's interests
  - Read his papers to know his research inclination
  - Checkout his students to know his taste for students
  - Read his profile/bio page

How to maximize your chances? - II

- Apply to professors who are young, active and looking for new students.

- Try to build a network by attending conferences, workshops and symposiums. (This is money well spent and can be a deciding factor when you look back)

- Immerse yourself in the field sincerely.

- Build a portfolio page that can extend your resume and provide details on the work you have done.

- Have a clean github profile.

Thank You and Good Luck!