



# What does your job entail?

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# Where to do your research?

## ◆ Universities?

- ❖ Princeton
- ❖ MIT
- ❖ U. Carlos III
- ❖ ...

## ◆ Research Institutes?

- ❖ ISI-USC
- ❖ INRIA
- ❖ IMDEA
- ❖ Max Plank
- ❖ ...

## ◆ Company Labs?

- ❖ Cisco Labs?
- ❖ Microsoft Labs?
- ❖ Thomson Labs?
- ❖ ...

## ◆ Your own start-up?

- ❖ Juniper
- ❖ Google
- ❖ Inktomi
- ❖ V-Xtreme
- ❖ ...



# What to take into account?

- ◆ Excellency of the research environment
- ◆ Salary and perks (health care, ...)
- ◆ Research independence
- ◆ Participation in IPR
- ◆ Company growth
- ◆ Job security
- ◆ ...



# What about Universities and Research Institutes?

- ◆ Excellency of the research environment: may be an international, high-quality environment:
- ◆ Salary and perks (health care, ...): not the best, but might not be bad
- ◆ Research independence: very good
- ◆ Participation in IPR: usually very good
- ◆ Company growth: none
- ◆ Job security: excellent
- ◆ IPR => Spin-off companies!!



# What is the standard Academic Career?

- ◆ PhD Student =>  
v
- ◆ Research Assistant =>  
v
- ◆ Assistant Professor =>  
v
- ◆ Associate Professor =>  
v
- ◆ Full Professor =>

University  
Spin-Off:

Your own  
Startup  
Company



# Your own startup?

- ◆ [www.microsoft.com](http://www.microsoft.com), founded 1975 by Bill Gates and Paul Allen, both students
- ◆ [www.sun.com](http://www.sun.com), founded 1982 by Andreas Bechtolsheim, an EE PhD student
- ◆ [www.cisco.com](http://www.cisco.com), founded 1984 by Len Bosack and Sandy Lerner, from Computer Center of Standord
- ◆ [www.google.com](http://www.google.com), founded 1998 by Larry Page and Sergey Brin, both students





# Your own startup?

- ◆ ONElist, founded in by Mark Fletcher, bought in by Yahoo
- ◆ V-Xtreme founded in 1996 by David del Val et. al, bought in 1997 by Microsoft
- ◆ Inktomi, founded in 1996 by Eric Brewer and Paul Gauthier, bought in 2002 by Yahoo
- ◆ ...



# Your own startup?

- ◆ Excellency of the research environment: your own
- ◆ Salary and perks (health care, ...): no salary, potential losses
- ◆ Research independence: complete
- ◆ Participation in IPR: total
- ◆ Company growth: unknown, but potentially immense
- ◆ Job security: no security





# Go for it!

