rice ece, the outlook

behnaam aazhang
electrical and computer engineering
rice university
ece today

• 22 faculty

• 3 professor in the practice

• 2 research faculty

• 4 instructors

• many joint/adjunct faculty

• 4 emeritus

• outstanding staff
ece today

• joint hire with neuroscience at bcm
  • xaq pitkow
faculty

• 1 nae, nas, and american academy of arts and sciences

• 16 ieee fellows

• 4 fellows of aaas, 4 fellows of osa, 3 fellows of aps

• 4 endowed chairs and 2 emeritus endowed chairs

• 1 pecase, 8 nsf career winners, 1 darpa yfa, and 1 sloan fellow

• multiple best paper awards
research program

- computer engineering
- neuro-engineering
- photonics and nano-engineering
- systems
phd program

- extremely competitive
phd program

• extremely competitive

• placement

  • northwestern, uiuc, georgia tech, mit, colorado, virginia, ...

  • texas instruments, samsung, qualcomm, ibm, google, exxon, ...
professional masters

- a growing program
  - strong and diverse
  - online!

- placement
  - texas instruments, samsung, schlumberger, national instruments
undergraduate students

- best of the best
- award winning senior design projects
- evolving curriculum
- ethernest
undergraduate students

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infrastructure

- abercrombie lab
- brockman hall of physics
- dell butcher hall
- duncan hall
- george r brown
advancement committee

• 4 alums
• 4 NAE/NAS
• 5 academicians
• 2 board of trustees
profile

• top 20 ranking—ee and ce
  • us news and world report
    • graduate
    • undergraduate
visibility

- open source-online
  - fundamentals of electrical engineering
  - first mooc lab course!
  - linear systems
  - ...
- professional masters courses
visibility

• continue to grow
  • critical mass
  • strong international visibility