

The JHU Mechanical Engineering Career Guide for Undergraduates



Yes!



SENIOR

Interession

Update resume, portfolio, etc.



Summer

Update resume, portfolio, etc.
Ask work colleagues for career advice
Set goals for senior year

- Apply to graduate school programs
- Apply to full-time professional positions
- Network with senior design sponsors
- Contact MechE alumni whose work aligns with your interests
- Talk to professors about your career interests

JUNIOR

Interession

Update resume, portfolio, etc.



Summer

Update resume, portfolio, etc.
Ask work colleagues for career advice
Set goals for junior year

Whew!

- Explore the possibilities of pursuing an M.S. or Ph.D. degree
- Apply to a 5th-year BS/MS program (e.g. MechE, Robotics, Comp Sci, MSEM)
- Talk to your professors about your career interests
- Seek a leadership position in a student group/club

SOPHOMORE

Interession

Update resume, portfolio, etc.



Summer

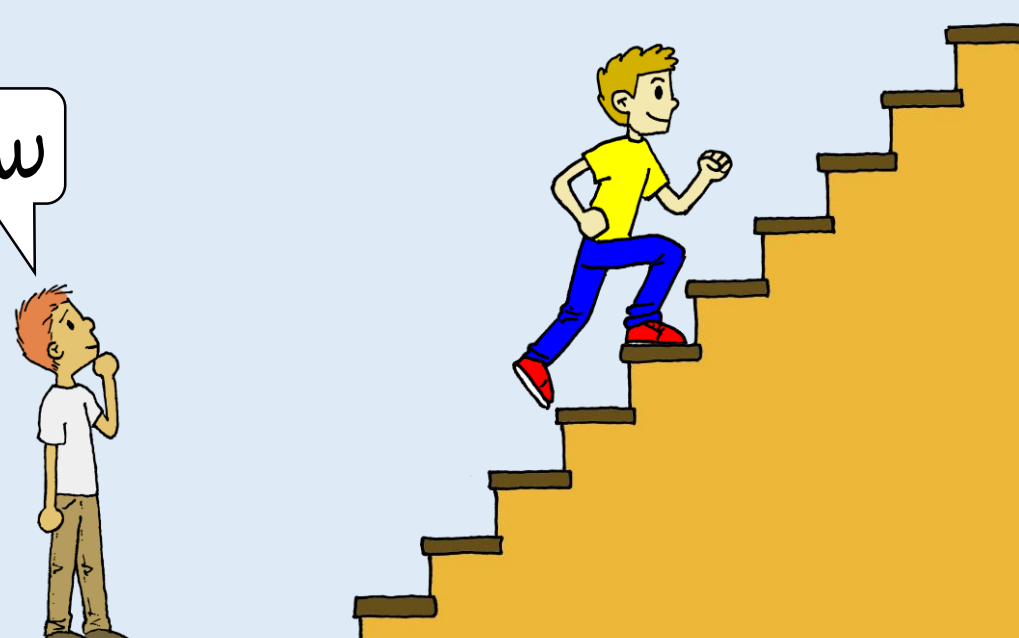
Update resume, portfolio, etc.
Ask work colleagues for career advice
Set goals for sophomore year

- Apply to REU programs
- Consider pursuing the Aerospace or Biomechanics track
- Explore Study Abroad opportunities

FRESHMAN

- Consider *Engineering Mechanics* as a major
- Consider pursuing a minor
- Get involved with an engineering student group/club
- Explore Study Abroad opportunities

Wow



- Get Maker Space training
- Attend the Student Activities Fair

Freshman course assignments

- Get 3D Printer, Laser Cutter, and Basic Shop trainings
- Draft first professional resume
- Learn basic CAD skills
- Start your design portfolio
- Create a LinkedIn account
- Join the ASME
- Learn basic programming skills
- Explore opportunities to do research

***Always be looking out for research and internship opportunities that match your interests!**