

# ChE Career Planner - Timeline

## Define Goals

Talk to advisors, instructors, mentors, senior students, graduate students, and role models and learn about the profession

| Year            | Employment   | Grad School   | Med School  |
|-----------------|--|---|---|
| 2 <sup>nd</sup> | <ul style="list-style-type: none"> <li>Prepare resume and have it critiqued</li> <li>Attend SEAS career fair and build your network</li> <li>Join AIChE and attend company presentations</li> <li>Learn about other students internship experiences</li> <li>Apply for industrial internships</li> </ul>   | <ul style="list-style-type: none"> <li>Prepare resume and have it critiqued</li> <li>Approach faculty to get involved in research as early as possible</li> <li>Make arrangements to shadow a graduate student</li> <li>Apply for summer research experience for undergraduates (REU)</li> <li>Join AIChE</li> </ul>  | <ul style="list-style-type: none"> <li>Prepare resume and have it critiqued</li> <li>Talk to UVa Pre-med advisor</li> <li>Take two semesters of Organic Chemistry with labs</li> <li>Keep in mind that a high GPA is a must</li> </ul>  |
| 3 <sup>rd</sup> | <ul style="list-style-type: none"> <li>Update resume</li> <li>Attend SEAS career fair</li> <li>Take leadership role in AIChE</li> <li>Go on plant trips</li> <li>Apply for industrial internships</li> <li>Apply for ChE awards</li> <li>Join LinkedIn</li> <li>Post your resume on online resources such as monster.com</li> </ul>  | <ul style="list-style-type: none"> <li>Update resume</li> <li>Join a research laboratory</li> <li>Take research for credit</li> <li>Apply for REU</li> <li>Apply for Harrison Award</li> <li>Apply for ChE awards</li> <li>Attend AIChE National Meeting graduate school fair</li> <li>Attend departmental research seminars</li> </ul>   | <ul style="list-style-type: none"> <li>Update resume</li> <li>Complete two semesters of Biology with labs</li> <li>Obtain clinical/public health work/volunteer experience</li> <li>Join a medical/biomed oriented research lab</li> <li>Apply for ChE awards</li> <li>Revisit med school plans if low GPA</li> </ul>   |
| 4 <sup>th</sup> | <ul style="list-style-type: none"> <li>Update resume</li> <li>Attend SEAS career fair</li> <li>Consider taking ENGR4880</li> <li>Secure several references (advisor, course instructor, industrial internship mentor) who will write positive letters</li> <li>Prepare for interviews</li> <li>Ask your advisor about job connections</li> <li>Apply for jobs</li> <li>Follow up on job applications</li> <li>Keep in touch with department</li> </ul> | <ul style="list-style-type: none"> <li>Update resume</li> <li>Take GRE's</li> <li>Consider taking a 5000 or 6000-level course in Fall</li> <li>Continue research – write a thesis</li> <li>Secure supportive references and letters (advisor, instructor, research mentor)</li> <li>Apply to graduate schools</li> <li>Apply for Grad fellowships (NSF, GRF, EPA STAR, NSDEG)</li> <li>Visit several schools before deciding</li> </ul> | <ul style="list-style-type: none"> <li>Update resume</li> <li>Secure references (advisor, course instructor, research mentor) and provide them with links for reference letters</li> <li>Submit AMCAS application by June before 4<sup>th</sup> year</li> <li>Take MCAT's</li> <li>Interview with med schools</li> <li>Consider a year off to obtain medical/health-related experience</li> </ul> |