

Key Factors of Engineering Portfolios

What is a portfolio?

An engineering portfolio is a website that showcases your projects and experiences. It presents your work in a mostly visual format and demonstrates your skills as an engineer. Focus on these 3 key factors:

Layout

Content

Personalization

Layout

Choose a format that is easy to read and navigate.

- Use navigation tools such as a menu or table of contents
- Highlight most important projects first
- Include appropriate visual aspects, such as photos, videos, or diagrams

Content

Consistent & Concise: Avoid going into unnecessary detail.

Show Direction: Include projects that align with your desired career.

Stay Current: Regularly update your portfolio to include your most recent projects.

Focus on You: Discuss YOUR specific contributions and achievements in group projects.

Detail the Entire Process: Discuss the problem and actions before jumping to the solutions.

Include Failures: Failures demonstrate what you have learned and how you grow from setbacks.

Personalization

Show Who You Are: Make your “About Me” page memorable by including details about who you are, what you like to do, and your talent & skills beyond the classroom.

Have Fun: Showcase your love for engineering. Discuss personal projects, involvement in student organizations, hackathons, etc.

Portfolios vs. Resumes = Showing vs. Telling