

Cormac Turing

Mechanical Engineer

Detailed-oriented mechanical engineer with 10+ years of experience in planning, designing, and developing state-of-the-art mechanical equipment. With XYZ Corp, optimized equipment layouts and space requirements to increase efficiency by 16% in two quarters. Completed 4 projects with budgets over \$100,000. Seeking to join ABC Company to help deliver the upcoming projects on time, 5-10% below budget, and within specifications.

Experience

2014 - present	<div>Senior Mechanical Engineer <i>XYZ Corp, New York City, NY</i><ul style="list-style-type: none">Supervised the procurement of work. Managed multi-disciplinary project teams of 15+ colleagues.Designed cutting-edge mechanical systems including heating, cooling, heat rejection, air and water distribution, building automation, and controls.Communicated directly with non-technical clients to establish their needs and discuss design issues. Boosted customer retention by 24% within the first to years.Monitored the quality of work. Prevented 3 catastrophic failures by identifying critical design flaws.Key achievement: Optimized equipment layouts and space requirements to increase efficiency by 16% in two quarters..</div>
2010 - 2013	<div>Mechanical Engineer <i>Acme, Queens, NY</i><ul style="list-style-type: none">Performed condition assessments of mechanical systems service of Acme's physical assets, including plumbing, HVAC, electrical and other mechanical systems.Conducted field inspections to identify defects at system and component level.Recommend potential interventions to improve overall asset condition and meet benchmark performance requirements.Prepared detailed reports to support condition assessment findings and certify inspection results against applicable building codes.</div>
2007 - 2010	<div>Junior Engineering Assistant <i>LMNO Company, New York City, NY</i><ul style="list-style-type: none">Performed engineering design and redesign of plumbing, piping, fire protection systems, and heating and ventilating systems.Prepared mechanical specifications, estimates, and studies for energy conservation. Cut department costs by 20%.Supervised and reviewed the work of non-technical consultants to make sure communications with clients are accurate.</div>

Education

2008	BSc in Mechanical Engineering, MIT, Cambridge, MA
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Certificates

2018	Geometric Dimensioning & Tolerancing Professional, American Society of Mechanical Engineers International
2013	Certified Reliability Engineer, American Society for Quality

Personal Info

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Skills

3D CAD	<div><div></div><div></div><div></div><div></div><div></div></div>
Pro-E CREO CAD	<div><div></div><div></div><div></div><div></div><div></div></div>
Engineering Product Data Management Software (EPDMS)	<div><div></div><div></div><div></div><div></div><div></div></div>
Provide Cost Estimates for Materials, Equipment, or Labor	<div><div></div><div></div><div></div><div></div><div></div></div>
Communication With Non-Technical Clients and Colleagues	<div><div></div><div></div><div></div><div></div><div></div></div>
Leadership	<div><div></div><div></div><div></div><div></div><div></div></div>
Time-management	