mccraithdan@gmail.com   **Daniel Mc Grath**   0858138540

As a designer I strive to create products the can help peoples lives. I enjoy identifying problems and finding solutions.

I have a keen interest in understanding manufacturing capabilities and am actively seeking to further my career in this industry

Work Experience

- **Fast Automation**
  Sydney, Australia

  Mechanical Design Engineer.
  Designing and developing automation concepts, working closely with customers to find solutions.
  Detail design work and development of ongoing engineering projects.

  Aug 2022-Present

- **The Seaweed Co**
  Galway, Ireland

  Project Engineer.
  Engineering and development of seeding and harvesting equipment, managing all operational activities related to the cultivation of seaweed.

  May 2020-July 2022

- **Schuf Armaturen und Apparatebau**
  Eppstein, Frankfurt
  Germany

  Member of the Design Team developing valves for difficult or severe service conditions found in the chemical, petrochemical, polymer, oil, gas, refining and offshore industries.

  Jan 2019-Sept 2019

Entrepreneurship And awards

Global TOP 6 business plan of 2019 Carbon Footprint Challenge

- **Co-Founder of Fómhar**

  Co creator of Fómhar, a platform to create communities in the Irish farming sector, which was selected as one of the final 6 in the Carbon Footprint Challenge 2019

  Sept 2018-Sept 2019

Non proft start-up funded by **CITI. Forbes recognition**

- **Moyo-nua**

  Product designer, redesigning current planting method for African Farmers. Reduced the cost per unit in half

  Oct 2018-Dec 2018

Education

- **University of Limerick**

  BSc. Product Design and Technology
  1.1 First Class Honours

  Sept 2016-2020

- **Galway Mayo Institute of Technology**

  Higher Certificate in Mechanical Engineering

  Sept 2014-May 2016

Continued

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Education

- **EIT**
  Engineering Institute of Technology | Professional Certificate of Competency in Hydraulics and Pneumatics | Oct 2024 - Jan 2025

- **EIT**
  Engineering Institute of Technology | Professional Certificate of Competency in Programmable Logic Controllers (PLCS) & SCADA Systems | June 2024- Oct 2024

Skills

Solid works, Creo, ABB Robot Training, Microsoft Project,
PLC Programming, Excel, Word, Power-point, Demo 3D, Fusion 360, Automation Studio
Full drivers licence, Safe Pass, White Card, Photoshop, InDesign, Illustrator, Key shot, Intermediate German, NSW Forklift Licence, National Powerboat Certificate (Level 2)

Reference

- Joost Wouters | Chief Executive Officer, The Seaweed Company | Contact details upon request

- David Askew | Chief Operating officer, Fast Automation | Contact details upon request