



## Application Instructions

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Dear Applicant,

Thank you for your interest in joining MEDIC Foundation!

Please read through the details of the teams and positions that are available.

In order to complete your application:

1. Fill out the application form:  
<https://forms.gle/Be5e5qsAvkTVy7ok8>
2. Email your resume to  
***contact.teammedic@gmail.com***
3. Name the subject line of the email as "MEDIC Application - [Full name and position title]"

If you have any further questions regarding the recruitment, please contact us via email!

# MEDIC FOUNDATION

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### **Mission:**

Our mission is to research and innovate solutions for patients diagnosed with chronic diseases. We want to make a positive difference in the lives of individuals affected by such diseases and provide industry-leading solutions.

### **Vision**

We aim to revolutionize the way people approach chronic disease. Be it through advocacy and innovation, we want to make the world a better place for those affected by them.



# CROHN'S & IBD RESEARCH TEAM

MEDIC's new research project is targeted towards creating medical solutions for a chronic disease called Crohn's Disease aka IBD (Inflammatory Bowel Disease). We aim to create a commercializable medical device to assist patients diagnosed with Crohn's Disease to take back control of their lives and maintain a higher quality of life. We will be following the engineering design process to plan, build and verify our prototype to show to potential partners/advisors, regulatory boards, and stakeholders. We will be documenting our design process and procedures in a document called the Design History File (DHF). All actions and reviews must be documented in said DHF as they pertain to standards imposed by regulatory boards (FDA, EC, CAMDCAS) under ISO 13485 or 9001. This team also plans to create an environment that fosters learning outside the classroom and to bring awareness to those suffering from chronic conditions. For more information regarding our project and MEDIC, visit [www.medicfoundation.org](http://www.medicfoundation.org)

## MECHANICAL TECHNOLOGIST

In this role, you will collaborate closely with other members to assist with the design process and translate research into actionable specifications for medical device development. You will collaborate within a team in creating detailed CAD parts, prototyping, testing, verifying and contributing to the design process. The mechanical technologist will gain technical expertise in medical device design and the use of specialized software and equipment for mechanical prototyping. All team members will receive technical training to help with task completion before detailed design.

### Skills and requirements:

- Practical experience in prototype development is a valuable asset.
- Excellent Problem-solving abilities and attention to detail
- Familiar with mechanical design and failure analysis
- Proficient in mechanical CAD Software, such as Solidworks, onShape or Fusion 360
- Some knowledge of 3D printing is preferred but not required
- Experienced In Literacy Research
- Detail-oriented mindset with a commitment to producing accurate and thorough design history files (DHF).
- Exceptional written and verbal communication skills, fostering effective collaboration within multidisciplinary teams.
- Be passionate about learning and helping! Dedicated members are highly valued in coordinating the project as a team.



[contact.teammedic@gmail.com](mailto:contact.teammedic@gmail.com)



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