



Application Instructions

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

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

SOFTWARE DEVELOPER

In this role, you will collaborate closely with other members to assist in the design process, translate research into actionable specifications, and develop software solutions for a medical device. You will collaborate within a team in designing and programming predictive algorithms, building a mobile app prototype, testing and contributing to the design process. The software developer will gain technical expertise in medical device design and the use of specialized software for prototyping. Your knowledge of software development and programming will contribute a lot to this project. Technical training will be provided to all members before the detailed design.

Skills and requirements:

- Exceptional written and verbal communication skills, facilitating effective team collaboration.
- Proficiency in Python or C/C++ is required
- Familiarity with supervised machine learning OR mobile app development with Flutter is preferred
- Proficiency in developing web services, including databases and APIs, to support medical device applications.
- Detail-oriented mindset, ensuring accuracy and quality in software design and implementation.
- Strong problem-solving abilities, with an emphasis on innovative and practical software solutions.
- Ability to work in a collaborative environment, adapting to evolving project requirements.
- Being willing to learn and work on both the machine learning and app development process
- A passion for our mission to transform the lives of individuals with chronic diseases through innovative medical technologies.



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