MD SHARIFUL ISLAM
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Prof. Michael Beetz
Artificial Intelligence/Universität Bremen
Am Fallturm 1
28359 Bremen

23.02.2022

Application for the position of research assistantship at the Institute for Artificial Intelligence.

Dear Professor,

I'm eagerly expressing my interest in the job position noticed in the web portal for a research assistant in the field of artificial intelligence and robotics. I'm an experienced, detailed-oriented and have several of months hands-on experience on coding with Arduino, different kind of motors, designing PCB circuits during my self-motivated projects as well as the University Rover Challenge (URC) 2018 competition.

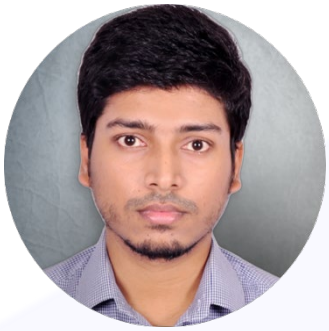
I am a hard-working, very quick learner and can bring forth good results in limited time even unfazed by stress or pressure. Moreover, I actively seek out new technologies and stay up-to-date on industry trends and advancements. I am confident that, I would be an excellent addition to your organization. I've attached a copy of my resume detailing of my experiences, several certificates of my experiences that I've had the honor of working on so far.

Thank you for your time and consideration. I look forward to hearing from you and excited to convince you from my qualifications in a personal interview. I can be reached anytime on my cell phone or e-mail as well.

With kind regards,

MD SHARIFUL ISLAM

Reference number A92/21



Shariful Islam

Contact

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linkedin.com/in/im-shariful-islam/

www.sharifulislam.com/netlify.app/

github.com/SHARIFsGIT

Skill

Programming skill
C, C++, Python, JavaScript
MATLAB, Logo PLC, Arduino

Simulation skill
CST, Proteus, Eagle PCB
MIT app inventor, Thunkable

Web development skill
HTML 5, CSS 3, Bootstrap
Tailwind, React JS, ES6, APIs
Node JS, Express JS, MongoDB, GitHub

3D designing
AutoCAD, SolidWorks

Working experience

Aug 2017 – Jun 2018
Electrical & Mechanical member for URC 2018 (USA)
AIUB Robotic Crew (ARC) Media coverage

- Circuit implementation, testing & PCB designing (Motor Driver) for ARC 2018 rover.
- SolidWorks simulation and chassis design.

Aug 2017 – Sep 2017
PLC programming for Industrial automation, Maintenance and troubleshooting
Institution of Engineers, Bangladesh (IEB)

- Siemens logo PLC programming.

Project

- ANDROID CONTROL ROBOT — Live Site
  - Coding part developed on Arduino IDE & the controller was made by a free resource software named MIT app inventor.
- PID CONTROLLED LINE FOLLOWER ROBOT — Live Site
  - Coding part was developed on Arduino IDE based on PID algorithm.
- DRAW ON AIR — Live Site
  - This project is fully developed with python language on PyCharm IDE.
- FACEBOOK FUN PROJECT WITH PYTHON — Live Site
  - User can do auto like; auto comment even view any video automatically.
- SIMULATED DIGITAL CLOCK — Live Site
  - Used JK flip-flop & 555 timer IC & then simulated on proteus software.
- TOUR de WORLD — Live Site | Client | Server
  - Fully functional full-stack tourism MERN website where the guest users can visit only the Home, About & Contact pages but the registered users can see two more routes namely Packages and Orders.
  - After a successful order user can see his ordered item and remove order as well.
- HEALTH CARE HOSPITAL — Live Site | Git Repository
  - After successful resister by manual inputs or sign up with Google user can see the hospital health services, doctors name along with booking appointment feature.
- AMAZON.BD — Live Site | Git Repository
  - Responsive E-commerce functional website with shopping cart and printing boucher feature.

DEVELOPER

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Language

Bangle

English

Deutsch

Education

Apr 2020 – Present
M.Sc. in Control, Microsystem & Microelectronics
University of Bremen, Germany

Jan 2015 – Nov 2018
B.Sc. in Electrical & Electronic Engineering
American International University-Bangladesh (AIUB)

Publication

31st Oct 2018 (South Korea)
Wireless energy harvesting from RF signal for low power device charging applications (1st author). DOI
IEEE Xplore

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