MD. SAIF AHAMMOD KHAN

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🌐 https://saifahammod.me/

Additional Contact

- **LinkedIn** https://www.linkedin.com/in/md-saif-ahammod-khan-04/
- **GitHub** https://github.com/saif-ahammod/

Career Objective

I am seeking a position where I can use my experties. I have experience in JAVA, Python android app development, object-oriented programming, machine learning, problem-solving, data structures, algorithms, flutter development, and graphics design. I'm motivated to see things through to the conclusion and have a clear, logical mind. I also have a practical approach to problem-solving.

Education

30 December 2021
BSc in computer science and engineering, North South University
Specialized trail: Artificial intelligence
Thesis: Understanding the healthcare sector in Bangladesh: experience and services during the covid-19 pandemic

APRIL 2016
Higher secondary school certificate, Rajshahi Education Board Model School and College

FEBRUARY 2014
Secondary school certificate, Rajshahi Collegiate School and College, Rajshahi

Work & Experience

- Android App Developer **| HOP IN |** August 2018 – January 2020

- Founding Member **| NSU Ignite |** November 2018 – December 2021

- Mentor and Trainer of Robotics **| NSU ACM Student Chapter|** August 2018 – December 2018

- Senior Member **| NSU ACM Student Chapter |** September 2017 – December 2018

Technical Skill

- **Programming language**   : JAVA, Python, C, C++, SQL
- **Markup language**   : HTML, XML, CSS
- **Database tool**   : Firebase, MySQL
- **Version control tool**   : Git
- **Data science tools**   : Anaconda
- **Libraries**   : Scikit-Learn, Pandas, Keras
- **Platform**   : Android, Arduino, Raspberry Pi
- **Operating system**   : Windows, Linux, Raspbian, Android
- **Electronic design**   : Fritzing, Proteus, Logisim
- **Editing tool**   : Sketch Up, Adobe (Photoshop, Illustrator, Premier Pro), Figma

Projects

- **HOPIN:** It is a ride-sharing android base application.
- **AOAVER:** is an Exploring Robot that can avoid static obstacles and investigate places humans cannot easily access.
- **Shouhardo**: It is an online platform that people can use to find better medical facility-related information without third-party help.
- **Assist:** A hand gesture recognition system to aid disabled and elderly persons who cannot communicate or move due to ailments that prevent them from using speech.
- **DEX-BOT:** It is a robot that can examine a disaster area and deliver essential data without endangering human life.
- **House Rent Prediction:** It is a machine learning model to predict the rent price of homes based on different explanatory variables describing aspects of residential houses in Dhaka.
- **NSU Robotics Society**: It is a web base platform designed for people with a passion for robotics.

Publications

Refereed Journal

- Neloy, A. A., Bindu, R. A., Alam, S., Haque, R., **Khan, M. S. A.,** Mishu, N. M., & Siddique, S. (2020, November). **Alpha N-V2: Shortest Path Finder Automated Delivery Robot with Real-Time Object Detection and Avoiding System**. Vietnam Journal of Computer Science (VJCS), Issue-7, No 4, Nov 2020.DOI: https://doi.org/10.1142/S2196888820500219

Book Chapter

- Neloy, A. A., Bindu, R. A., Alam, S., Haque, R., **Khan, M. S. A.,** Mishu, N. M., & Siddique, S. (2020, March). **Alpha-N: Shortest Path Finder Automated Delivery Robot with Obstacle Detection and Avoiding System.** In Asian Conference on Intelligent Information and Database Systems, (pp. 202-213). Springer, Cham. DOI: https://doi.org/10.1007/978-3-030-41964-618

References

Academic and Professional references are available upon request.