





MD. SAIF AHAMMOD KHAN



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Additional Contact

- **LinkedIn** <https://www.linkedin.com/in/md-saif-ahammod-khan-04/>
- **GitHub** <https://github.com/saif-ahammod/>
- **Personal Website** <https://saifahammod.me/>

Career Objective

I am seeking a position as an Android Application Developer. I have expertise in 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

CGPA: 3.70 out of 4.00 (90-92% marks)

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
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, Porteous, Logisim
Design and video 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.
- **PED:** An android application that can encode and decode a password with a 16-digit key to secure the password.
- **Tic Tac Toe:** An android application-based funny game.
- **NSU Robotics Society:** It is a web base platform designed for people with a passion for robotics.

Publications

Refereed Journal

- Nelay, 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

- Nelay, 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.