# MD. SAIF AHAMMOD KHAN

📍 **House No: 241; Road: 2; Block: F Bashundhara R/A Dhaka**
📞 **+8801834635940, +8801917089109**
✉ **saif.ahammod@gmail.com**
🌐 **https://saifahammod.me/**

## Additional Contact

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

## Career Objective

Seeking a position where I can use my expertise. I am skilled in problem-solving, object-oriented programming, data structure, algorithms, and creative thinking. I am committed to providing adequate support while performing necessary duties.

## Education

30 December 2021
**BSC IN COMPUTER SCIENCE AND ENGINEERING**, NORTH SOUTH UNIVERSITY
**SPECILIZED 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**

## Hard Skill:

- Problem Solving
- Technical writing
- Analytical
- Data analysis
- Project Management
- Graphics Design

## Soft Skill:

- Leadership
- Team Management
- Attention to detail
- Communication
- Organized
- Teaching
- Project Management

## Technical Skill

| | |
|---|---|
| **Programming language** | : Dart, JAVA, Python, C, C++, SQL |
| **Markup language** | : HTML, XML |
| **Framework** | : Flutter |
| **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 that 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.
- **Xylophone:** A musical instrument using flutter and dart.
- **DEX-BOT:** It is a robot that can examine a disaster area and deliver essential data without endangering human life.
- **PED:** An android application which can encode and decode a password with a 16-digit key to secure password.
- **Tic Tac Toe:** An android application based funny game.
- **NSU Robotics Society**: It is a web base platform designed for bunch of people who have 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 available upon request.