

# Farhan Tanvir UTSHAW

## PERSONAL DATA

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DATE OF BIRTH: 27 May 1997  
PHONE: +880 1517835774  
EMAIL: [farhan.tanvir.utshaw@gmail.com](mailto:farhan.tanvir.utshaw@gmail.com)  
LINKEDIN: <https://www.linkedin.com/in/utshaw/>  
GITHUB: <https://github.com/Utshaw>  
WEBSITE: <https://utshaw.com/>

## LANGUAGES & TECHNOLOGIES

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PROFICIENT: Java, Android, Javascript, C++, MySQL, HTML, CSS, Git & GitHub, Python, Bash, PHP  
EXPOSURE: Firebase, Google Cloud, jQuery, Materialize, Tableau, Node.js, Express, React.js, MongoDB, Kotlin

## WORK EXPERIENCE

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Oct 2022 CURRENT	Lecturer at United International University Department of Computer Science and Engineering
Feb 2021 AUG 2021	Backend developer (freelance part time) at The Casting Group Worked with Google Cloud Platform & Firebase
Sep 2020 DEC 2021	Android Team Lead at BYDO Academy Led a team of four interns.
Nov 2020 DEC 2020	Full-stack Developer at Beehub-Robi project (project based) Developed & deployed Two dynamic websites with authentication. One site shows 4 tableau dashboards in separate webpages, another shows interactive map with two layer filtering, used relational database.
Oct 2018 AUG 2020	Android Developer at Lumen Engineering (project based) Involved in three projects. Two android apps & backend development. App development team consisted of two members & worked as back-end developer in a project under the team lead.
Jun 2019 JUN 2020	Campus Ambassador at BUET for GeeksforGeeks Campaigned for various events of GeeksforGeeks through social media.

## PUBLICATIONS

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[Improving End-to-End Bangla Speech Recognition with Semi-supervised Training](#)  
EMNLP | Findings  
Association for Computational Linguistics, 2020

## PROJECTS

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*Backend*  
DEVELOPER | [Fayce - prototype phase](#)  
Wrote cloud function, firestore trigger

*Developer* | Self driving car  
Machine learning project

*Full-stack*  
DEVELOPER | [Website: Robi Survey Visualisation](#)  
Used Tableau to create visualisations from survey data: 4 dashboards  
& 21 visualisations

*Full-stack*  
DEVELOPER | [Website: Robi Survey for Access Point installation](#)  
Used leaflet js & openstreetmap to create interactive map, Materialize  
css framework for styling

*Full-stack*  
DEVELOPER | [IEB-Website](#)  
Modified frontend, Wrote SQL query for CRUD, developed portion of  
the admin panel

*Backend*  
DEVELOPER | [BUET Interplanetar-Website](#)  
Complete development & deployment

*Android*  
TEAM LEAD | [BYDO Academy \(Playstore link\)](#) | 1K+ Downloads  
Implemented Jitsi Meet SDK for call feature, integration with REST API,  
SSLCOMMERZ as payment gateway

*Term*  
PROJECT | MAC Table Flooding Attack (Networking & Security project)  
Used python. Video demonstration: <https://youtu.be/EXXTQiAVAU>.

*Android*  
TEAM LEAD | [BPSA \(Playstore link\)](#) | 1K+ Downloads  
Front end development & integration with REST API

*App*  
DEVELOPER | [IEB \(Playstore link\)](#) | 1K+ Downloads  
Front end development & integration with REST API

*App*  
DEVELOPER | [BD Police Phonebook \(Playstore link\)](#) | 50K+ Downloads  
Front end development & integration with offline database

*App*  
DEVELOPER | [Joy Bangla \(Playstore link\)](#) | 10K+ Downloads  
Front end development, integration with REST API

App | [Blood donation app](#)  
DEVELOPER | Personal project; used Firebase for data storage, used Google Maps API

App | [Lost & Survive](#)  
DEVELOPER | Group project; Used Google Maps API, Gmail API

## EDUCATION

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2021 Bachelor of Science in COMPUTER SCIENCE AND ENGINEERING,  
**Bangladesh University of Engineering and Technology**  
Graduated with CGPA 3.58 on a scale of 4.00  
2015 H.S.C in Science at NOTRE DAME COLLEGE, DHAKA, BANGLADESH  
GPA: 5.00 on a scale of 5.00

## SCHOLARSHIPS

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JULY 2008 Junior Ambassador at **20th Asian Pacific Children's Convention at Fukuoka, Japan**

- This convention promotes peace and co-existence throughout the world
- Met with children from over 56 countries

JULY 2019 Samsung Scholar by **Samsung R&D Institute Bangladesh (SRBD)**

## ACHIEVEMENTS

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2020 Champion, NETWORKING & SECURITY COMPETITION  
**Cisco Networking Academy Skills Competition**

2020 Gold Award, SHONGJOG - AN ALTERNATIVE FOOD SUPPLY CHAIN MANAGEMENT SYSTEM  
**Bangladesh Research & Innovation Society(BRIS)**

2020 Silver Award, EFFICIENT E-WASTE MANAGEMENT  
**Bangladesh Research & Innovation Society(BRIS)**

2019 Champion, HACKATHON (ANDROID APP DEVELOPMENT)  
**BUET CSE Fest' 19**

2018 First runner up, HACKATHON  
**Banglalink SDG Hackathon' 18**

2018 Champion, HACKATHON (FAKE NEWS DETECTION)  
**BUET CSE Fest' 18**