

Sillim-dong, Seoul-si • +82-010-9527-3236 • sifatul@chungbuk.ac.kr • [sifatul.github.io](https://sifatul.github.io)

## SIFATUL(시파툴) ISLAM

An ambitious and hardworking individual. I enjoy working on my own initiative and in a team too. I am seeking to gain experience, learn the necessary skills to excel in software development, and contribute to make our world a better place to live.

### EDUCATION

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| I Sep 2017 - 2020 Feb    | Chungbuk National University, <b>South Korea</b> .<br><b>Msc in Information and Communication Engineering</b> ,<br>CGPA: 3.5 / 4.5 |
| I Sep 2013 - 27 Apr 2017 | BRAC University, <b>Bangladesh</b> .<br><b>Bsc in Computer Science</b> , CGPA: 3.40 / 4.0  |

### PUBLICATION

[https://www.researchgate.net/profile/Md\\_Islam730/publications](https://www.researchgate.net/profile/Md_Islam730/publications)

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#### Journal

1. **M. Sifatul Islam**, Y. Piao, Y. Zhao, K. Kwon, E. Cho, and N. Kim, "Max-depth-range technique for faster full-color hologram generation," Appl. Opt. 59, 3156-3164 (2020).
2. Yu Zhao, Ki-Chul Kwon, Munkh-Uchral Erdenebat, **Md-Sifatul Islam**, Seok-Hee Jeon, and Nam Kim, "Quality enhancement and GPU acceleration for a full-color holographic system using a relocated point cloud gridding method," Appl. Opt. 57, 4253-4262 (2018)

#### Conference

1. **Md Sifatul Islam**, Yu Zhao, Erkhembataar Dashdavaa, Yan-Ling Piao, Seok-Hee Jeon, Nam Kim, "Enhancement of Reconstructed Image Quality and Calculation Speed for Multiple Wavefront Recording Method". Proceedings of The 19th International Meeting on Information Display (IMID) **2019**. Gyeongju, Korea.
2. Md. Ashraful Alam, Mahfuze Subhani, **Md. Sifatul Islam**, Mohd. Zishan Tareque, M. Rashidur Rahman Rafi, Md. Shahinur Alam, Nam Kim, "Faster computation of elemental image generation for real-time integral imaging 3D display system using graphics processing unit and multi-directional projection scheme," Proc. SPIE 10942, Advances in Display Technologies IX, 109420O (13 March 2019); <https://doi.org/10.1117/12.2509716>
3. Y. Zhao, **M. Islam**, S. Alam, S. Jeon, and N. Kim, "Rapid calculation of full-color holographic system with real objects using relocated point cloud gridding method," in Imaging and Applied Optics 2018 (3D, AO, AIO, COSI, DH, IS, LACSEA, LS&C, MATH, pcAOP), OSA Technical Digest (Optical Society of America, 2018), paper JT4A.2.

4. Md. Ashraful Alam, **Md. Sifatul Islam**, Mohd. Zishan Tareque, Mahfuze Subhani, M. Rashidur Rahman Rafi, Md. Shahinur Alam, and Nam Kim "Viewing angle enhancement of a real-time integral imaging system using multi-directional projections and GPU parallel processing", Proc. SPIE 10126, Advances in Display Technologies VII, 101260C (16 February 2017); <https://doi.org/10.1117/12.2251360>

## WORK EXPERIENCE

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**[SPEAK NOW](#)**(a product of [MoneyBrain](#)), Application Developer Jan 2020 - Jan 2021

Implement new features (SMS authentication, purchase verification, TTS service etc. ) and bug solving, code optimization.

**[OBHAI](#)** ( a product of MGH group), Android Developer Sep 2018 - Feb 2019

Implement new design, and features i.e: digital payment, Firebase notifications etc. and resolve bugs which increased ride count by 2000 per day.

**[WebAble Digital](#)**, Junior Software Developer May 2018 - Aug 2018

Single handedly delivered multiple websites in *Wordpress* and assisted the team to rapidly produce large scale websites in *Laravel*.

**[DURBAR Software](#)**, Fullstack Developer May 2015 - April 2016

Developing web management system from *PSD - PHP* using *Codeigniter* framework, and *MySQL*.

## RELEVANT SKILLS AND KNOWLEDGE

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I have tried to develop a number of relevant skills to facilitate my transition into the professional world:

- MEAN (MongoDB, Express, Angular, NodeJs)
- PHP: Laravel/ Codeigniter, Wordpress
- Android/Java
- HTML5, CSS3, Bootstrap
- MySQL
- Software Documentation, Git, Jira

## LANGUAGE PROFICIENCY

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- Bangla (Native)
- English (IELTS 7.5 | TOEIC 865)
- Hindi (conversational)
- Korean(Level 3)