

SHAHREEN SALIM AUNTI

[Email](#), [LinkedIn](#)

EDUCATION

Stony Brook University August, 2020 - Present
Ph.D. in Computer Science, Advised by Dr. Klaus Mueller,
Research Area: Visual Analytics and Human Centered AI
University of Dhaka, Bangladesh July, 2018 - February, 2020
M.Sc. in Computer Science & Engineering
University of Dhaka, Bangladesh January, 2014 - December, 2017
B.Sc. in Computer Science & Engineering

WORK EXPERIENCE

Research Assistant at Stony Brook University June, 2022 - Present
Currently work under the supervision of Dr. Klaus Mueller in Visual Analytics and Imaging (VAI) lab
Teaching Assistant at Stony Brook University August, 2021 - May 2022
Courses: CSE 518 (Foundations of HCI), CSE 564 (Visualization and Visual Analytics)
Lecturer at Daffodil International University May, 2019 - August, 2019
Worked as an instructor for Object Oriented Programming (Lecture Course and Lab)
Lecturer at Bangladesh University of Business and Technology February, 2018 - May, 2018
Worked as an instructor for Structural Programming and Computer Networks (Lecture Courses and Labs)

LANGUAGES & SKILLS

Python, JavaScript, D3, Java, C, C++, PyTorch, PHP (basic),

PROJECTS

- *Belief Miner* A Methodology for Discovering Causal Beliefs and Causal Illusions from General Populations (Python, Javascript, D3)
- *Word2Color* A Comprehensive Study on Contemporary Methods for Assigning Colors to Words and Phrases (Python, Javascript, D3)
- *Visual Analytics Dashboard* Effect of COVID-19 on Mental Health in Bangladesh (Python, Javascript, D3)
- *ClassBuddy* A Real-time Teaching Augmentation System for the Primary School Teachers (Android Studio)
- *Traffic Delay Analyzer* Predicting Network Delays Using Knowledge-Defined Networking Framework (Python, Javascript, D3)
- *Recommender System* A book Recommender System Based on Users' Social Media Activities (Python)

PUBLICATION

Belief Miner: A Methodology for Discovering Causal Beliefs and Causal Illusions from General Populations, **Shahreen Salim**, Md Naimul Hoque, Klaus Mueller (CSCW 2023, in publication)
Analyzing Film Adaptation through Narrative Alignment, Tanzir Pial, **Shahreen Salim**, Charuta Pethe, Allen Kim, Steven Skiena (EMNLP 2023, in publication)
End-to-End Speech Synthesis for Bangla with Text Normalization, Tanzir Pial, **Shahreen Salim**, Shabbir Ahmed, Hasnain Heickal (CSII 2018)

EXTRA-CURRICULAR ACTIVITIES

Inclusive Computing Fellow

March 2022 - Present

- One of six inclusive computing fellows responsible for enhancing instructional practices at the Department of Computer Science at Stony Brook University.
- Developed training materials and led 3 sessions for improving pedagogy and inclusivity among the newly recruited Teaching Assistants.

Vice President of Women in PhD Club

August 2022 - Present

- Organize various events to foster connections among women Ph.D. students in Computer Science. The club consists of around 30 people.
- Act as a liaison between the administration and the club members to promote a safe and supportive environment.