TAJWAR-UL HOQUE

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Education

New Mexico State University	**Las Cruces, NM**
M.Sc. in Computer Science	*Aug 2025 – May 2027*

Graduate Research & Teaching Assistant

BRAC University	**Dhaka, Bangladesh**
B.Sc. in Computer Science	*Jan 2016 – Dec 2020*

Thesis: Emotion Recognition by Exploiting Temporal Resolution of EEG signals using Transformation and Learning Methods.
Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Computer Graphics, Artificial Intelligence

Research and Teaching Experience

Data Advocacy Research Lab - Research Assistant   *May 2025 – Present*
- Conducting refugee research focused on Information seeking and verification by people in migration.
- Qualitative research on migrant experiences, privacy, surveillance and use of technology.

CSCI 4980: Senior Projects / Computer Science - Teaching Assistant   *Aug 2025 – Present*
- Leading interactive lab sessions across multiple capstone teams on sprint planning UI/UX prototyping and project design.
- Grading project submission and guiding technical documentation for final project delivery.

Work Experience

Dependable Solutions Inc. (Remote)	**California, USA**
Product Assurance Specialist	*Oct 2022 – Dec 2024*

- Designed and executed detailed **test plans, test cases, and automation scripts** across multiple stages of the SDLC.
- Performed **regression, smoke, and usability testing**, improving product quality and reducing post-release bugs.
- Collaborated with **developers, UI/UX designers, and client teams** to identify issues and ensure accurate system requirements.
- Led **User Acceptance Testing (UAT)** planning and reporting, ensuring successful client sign-off on major releases.
- Operated within **Agile/Scrum frameworks**, contributing to organized sprints and on-time product deliveries.

InsideMaps (Remote)	**California, USA**
Business Analyst- Product	*May 2021 – Sep 2022*

- Conducted cross-functional analysis of product integrations and user workflows; delivered in **3 new feature launches**.
- Assessed and translated clients' business requirements into technical product specifications & integration process applying agile

Eskimi Limited	**Dhaka, Bangladesh**
Jr. Lead Research Specialist	*April 2021 – Sep 2021*

- Conducted **25K+** market research tasks, identifying **16K+** qualified leads.
- Prepared **300+** reports supporting international client acquisition and business expansion.

Research Paper

- Leuenberger, J., Rajendran, A., **Hoque, T.**, Penzo Jara, A., Darian, S. (under submission) The Lifecycle of Transient Non-Use: How People in Migration Experience Disconnection. Under Submission to a top-tier ACM venue.
- Rajendran, A., Needle, J., Leuenberger, J., Penzo Jara, A., **Hoque, T.**, Hamilton, W., Darian, S. (under submission) "I Bet They Know I'm Eating a Banana Right Now": Everyday Perceptions of Surveillance from People in Migration. Under Submission to a top-tier ACM venue.

Technical Skills

- **Programming & Testing:** Python, HTML, CSS, MySQL, Power BI, A/B Testing, User Acceptance Testing (UAT)
- **Tools & Frameworks:** Google Analytics, Figma, LaTeX, Jira, Wireframing, Prototyping, Canva, Git
- **Product Management:** Feature & Use Case Design, Product Roadmap, UI/UX Research, Product Requirement Documentation
- **Project Management:** Agile/Scrum Methodologies, Sprint Planning, Azure DevOps

Certification

- Certified Scrum Product Owner (CSPO) by Scrum Alliance
- Provisioning SQL Databases by Microsoft [Credential ID-MS0990623784]
- Product Analytics Certification (PAC) by Product School