MAHIRUL ISLAM

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EDUCATION

University of Illinois Urbana-Champaign   Jan 2022 - Current
- Masters in Computer Science (MCS) with a concentration in Data Science, GPA: 4.00/4.00

Rutgers, The State University of New Jersey, New Brunswick, NJ   Sep 2017 - May 2021
- Double Major: B.A. in Computer Science and B.S. in Applied Sciences in Engineering, GPA: 3.92/4.00
- Awards: Rutgers Scarlet Scholarship, The Dean's Scholarship, Dean's List all semesters, Summa Cum Laude

TECHNICAL SKILLS

Computer Literacy: Java, SQL, C, Python, Linux, MATLAB, Visual Basic, AutoCAD, MS Office
Languages: Bengali (Proficient), Arabic (Intermediate)

PROJECTS

Conway's Game of Life   Nov 2017 – Dec 2017
Team Leader
- Organized with a team of four to program Conway's Game of Life, a cellular automation game, into MATLAB
- Created a GUI that allowed the user to define initial conditions including matrix size and number of generations and then display the progression of each successive generation

Railway Booking System   Oct 2020 – Dec 2020
Team Member
- Designed and implemented a relational database system that allows customers to use the web to browse the contents of the railway database and make train reservations from various train stations
- Used HTML for the user interface, MySQL for the database server, and Java/JavaScript/JDBC for the connectivity

WORK EXPERIENCE

Lockheed Martin   May 2021 - Present
Associate Systems Engineer   Moorestown, NJ
- Responsible for the development and testing of Command and Control (C2) capabilities across several programs including the Littoral Combat Ship (LCS), Offshore Patrol Cutter (OPC), and National Security Cutter (NSC)
- Verification of system requirements through software testing, data analysis, documentation, and then providing feedback to the subcontractor responsible for the software loads
- Development of test plans and procedures for software change requests for U.S. Coast Guard's Sea Commander System
- Automation of system-level tests for tactical Technical Performance Measures using Python, Sikuli, and bash scripting

AT&T   June 2020 – July 2020
Summer Learning Academy Extern   Remote
- Acquired business and technical acumen along with personal growth and development across 80 hours of online learning developed to support students during the 2020 COVID-19 pandemic
- Gained insights and advice on business, leadership, and career from business executives and recognized experts
- Completed entry-level training in human resources, finance, advertising, media and technology, communication, and leadership
- Networked with students and AT&T employees and asked questions to nationally renowned speakers

Whole Foods Market   May 2017 – Dec 2019
Store Support Team Member   Paramus, NJ
- Trained five new cashiers on proper company procedures, customer service, and sales techniques
- Promoted upcoming company events including the linking of Amazon Prime and the Whole Kids Foundation
- Received a $2000 Whole Foods Market Scholarship from the New Jersey Food Council (NJFC)

New York State Department of Transportation   June 2019 - Aug 2019
Transportation Construction Inspector/Intern (TCI)   Bronx, NY
- Rehabilitation Project of Three Highbridge Interchange Ramps in New York City, Bronx County
- Performed on-site concrete and ultra-high-performance concrete inspection by conducting air content tests and slump tests
- Performed structural inspection on the erection of steel including girders, floor beams, and cross-frame brackets