Md Sultan Parvez

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EDUCATION

BRAC University   **January 2016 – October 2020**

B.Sc.In Computer Science And Engineering

CGPA: 3.37 out of 4.00.

THESIS

Title: **Proximal Policy Optimization For Optimal Trading**

Supervisor: Mahbubul Alam Majumdar, PhD

Professor and Dean, School of Data and Sciences,

Department of CSE, BRAC University

- *Technologies*: Reinforcement Learning, Proximal Policy Optimization, OpenAiGym.
- This work was conducted by utilizing reinforcement learning we developed a system that can trade automatically in the stock trade market and make a profit.

EXPERIENCE

Software Quality Assurance Engineer   **Feburary 2021 – Present**

Dynamic Solutions and Innovators, Bangladesh, Dhaka

Responsibilities:

- Implementation of automated testing for user interfaces utilizing Selenium (Python) and Cypress. This initiative resulted in a significant decrease in bug discovery time in new builds by at least 50%.
- Automated testing of APIs utilizing Postman and Cypress. This initiative substantially reduced the time required to perform regression testing on the API by 60%.
- Documented the automation procedures utilizing Confluence.
- Integration of automation scripts into CI pipelines.
- Creation of diverse datasets for edge case testing.

ACHIEVEMENTS

- 11th in fall 2018 in BRACU programming contest
- 9th in Spring 2018 in BRACU programming contest

PERSONAL PROJECTS

UI Automation (Cypress)

Descriptions:

- Technologies: mocha, chai, cypress-much awesome-reporter.
- UI automation scripts of an e-commerce site developed using Cypress framework. This project also used the 'Report Portal' as the automation dashboard.

UI Automation (Selenium)

Descriptions:

- Technologies: selenium, TestNG, Extent Reports, Maven.
- Automation scripts of a web app. Separated functions based on the pages.

Skills & Certification

- **Certifications**: ✹ Postman API First; ✹ Cypress - Modern Automation Testing from Scratch , Frameworks.
- **Technical Skills**: Java, Python, JavaScript, Cypress, Selenium, REST Assured, Postman, Mocha, Robot, Jmeter, Chai, Cucmber , Dockers, Jenkins, Github Action, Version Control, VI Commands, Assembly Language, React js, Django