

JOHN PURIFICATION

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<https://github.com/johnpuri>

EDUCATION

Bachelor of Science, Computer Science – Towson University, Towson, MD, 2022 – July 2023

- Relevant courses completed: Data Structure and algorithm, Web Programming, Calculus etc.

Associates of Arts, Computer Science - Montgomery College, Takoma Park, MD, 2019 – 2021

SKILLS

- Java, JavaScript, HTML, CSS, NodeJS, MySQL
- Front-End Frameworks: ReactJS
- Beginner: Python, F#, C++, Express, MongoDB
- Microsoft Office Suite (Word, Excel, etc.)
- Fast learning and willingness of achieving knowledge
- Customer Service and teamwork in agile environment
- Mechanical Technical Skills, including automotive and industrial setting
- Languages: English, Bangla (Native), French (Fluent) & Hindi (Fluent)

EXPERIENCES

Team Member – Digital Learning Center, Montgomery College, Silver Spring, MD Sept-Dec 2021

- Helped students with their digital aid in person and virtually with computer knowledge and usage.
- Communication and leadership experience with users, teams, and management to collect requirements, define usage, and technical support.
- Curiosity and interested in problem solving skills through logic and algorithms.

Deutsche Bank Analyst Program - Technology, Data, and Innovation, Cary, NC June-Sept 2023

- Worked as a part of a creative, collaborative, and innovative team in the Technology, Data, and Innovation (TDI) department of Deutsche Bank.
- Contributed to the modernization and development of engineering solutions to reduce complexity and risk and drive business growth.
- Analyze business data within the organization's database to inform plans and deliveries, enhancing infrastructure capabilities and functions using standard design patterns for strategic DB frameworks like Fabric, Autobahn, GLUE.

RELEVANT COMPUTER SCIENCE PROJECTS

- CMSC 204: Morse code convertor using generic class & binary tree, Dijkstra's shortest path algorithm with implementation with Gui
- CMSC 203: Usage of polymorphism and inheritance for a beverage shop program, Junit testing, Cryptography using ASCII table, Cipher and Bellaso Substitution
- COSC 484: Built a job search website using ReactJS, JS, Express and MongoDB
- COSC 457: Used database fundamentals and GUI using MySQL & Java Swing

CAMPUS INVOLVEMENT

- South Asian Students Association (Montgomery College) Spring 2019-Fall 2021
- International Students Association – Board Member (Towson University) Fall 2022-Present
- Software engineering club (Towson University)