Atta-ur-Rheman Navaid-Munir

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EDUCATION

University of Maryland, Baltimore County, Baltimore, MD
Bachelor of Science in Computer Science, GPA: 3.83   August 2022
Honors: *magna cum laude,* President's List, Dean's List

Community College of Baltimore County, Catonsville, MD
Associate of Science in Computer Science, GPA: 3.87   June 2020
Honors: President's List, Dean's List

TECHNICAL SKILLS

Operating Systems	Microsoft Windows 10/11, Linux (Debian)
Virtual/Cloud	Google Drive, OneDrive
Programming	Java, Python, C/C++, Perl, Racket, HTML, CSS, JavaScript, Lua, Assembly, MIPS
Frameworks/Tools	Git, GitHub, Jira, Anaconda, XAMPP, Node.js, React, Bootstrap, jQuery, Leaflet
Software	Microsoft Office, Adobe, JGrasp, Putty, Microsoft Visual Studio Code, Jupyter, Blender, Substance Painter, Marmoset
Database Management	SQL, SQLite, MySQL, phpMyAdmin
Foreign Languages	Urdu (fluent), Hindi (conversational), Spanish (intermediate), Arabic (basic)

PROJECTS

Patient Monitor Web Application – Semester Project   Summer 2021
- Collaborated with a partner via discord to create a web application only using HTML, CSS, JS, bootstrap, and jQuery.
- Created use case and task breakdown diagrams, replicated procedures and actions of a real patient monitor, and presented information to the professor.
- Video Demonstration: https://youtu.be/PCFuWk9LNLQ

COVID-19 County Dashboard – Semester Project   Fall 2021
- Collaborated with a group via MS teams to create a dashboard using XAMPP, NodeJS, and phpMyAdmin.
- Given orders by a customer, team followed scrum model to produce functioning product up to the customer's standard and presented product in a professional manner.
- Video Demonstration: https://youtu.be/BkuppQ6BOvQ

RSA and Factoring   Spring 2022
- Collaborated with a partner via discord to implement numerous factoring algorithms in python (with multiprocessing) to break various RSA moduli generated using scripted extended euclidean and miller-rabin algorithms.

SOAP Database – Semester Project   Summer 2022
- Collaborated with a group via discord to create an efficient database consisting of GSA offices and their relationship with various government agencies regarding rental agreements.
- Created ER diagrams, logical schemas, tables using SQL, and a python-SQLite API to interact with the database.

WORK EXPERIENCE

ONLINE 3D ASSET SELLER, Catonsville, MD   August 2019 - Present
- Create 3D low-poly game-ready assets for sale bi-weekly.
- Publish products on various 3D model marketplace websites.
- Manage products on the marketplace and respond to customer inquiries in a timely manner.

RELEVANT ORGANIZATIONS

Phi Theta Kappa, Member   May 2020-Present

ACADEMIC COURSEWORK

Database Management Systems	Intro to Artificial Intelligence	GUI Programming
Intro to Computer Architecture	Intro to Machine Learning	Data Structures
Software Engineering	Intro to Computer Networks	Statistics
Design and Analysis of Algorithms	Intro to Operating Systems	Physics