Harsh Daga

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EDUCATION

THE UNIVERSITY OF TEXAS AT ARLINGTON

M.S in Computer Science
Graduate in Spring 2021
GPA: 4.0

LINKS

GitHub:// **Harsh Daga**
LinkedIn:// **Harsh Daga**
Portfolio: **Harsh Daga**

COURSEWORK

GRADUATE
- Agile Software Development
- Artificial Intelligence
- Data Mining
- Computer Vision
- Computer Game Design
- Blockchain and Cryptocurrency

SKILLS

PROGRAMMING
- C#
- .NET
- Kotlin
- Java
- Python
- C++
- JavaScript
- TypeScript

TECHNICAL
- Agile
- Azure
- AWS
- GraphQL
- Artificial Intelligence
- Visual Studio
- JetBrains Suite
- MATLAB
- Git
- Reverse Engineering

DATABASE
- Entity Framework
- SQL
- Mongo DB
- SSMS

EXPERIENCE

EXPEDIA GROUP | Software Development Engineer II
June 2022 - present
- Designed, implemented, and debugged software using Spring boot and GraphQL.
- Created micro-services in Java, Kotlin, Node.js, and TypeScript.
- Developed libraries to support GraphQL servers and clients.
- Created automated testing and report generation tools.

AMDOCS | Software Developer
July 2021 - June 2022

- Worked on maintaining and replacing legacy systems.
- Programmed micro-services in C++, maintenance scripts in python, bash and desktop apps in C#
- Developed reusable libraries in .NET and JavaScript to support a large monolithic desktop application.
- Built tools to automate several time-consuming error-prone tasks performed by the team.

FREELANCER LIMITED | Software Developer
Jan. 2015 - Dec. 2020

- Programmed applications and tools using MS Visual Studio, Entity Framework, and a multitude of programming languages.

TECHNICAL PROJECTS

GAME REVIEW PREDICTION | Research, GitHub
Dec. 2020 | Arlington, TX
- Built an app to classify (predict) the rating for a text review for any game.
- Developed using python, Jupyter Notebook, and scikit-learn.
- Read, filtered, and cleaned a data-set of over 13 million reviews to train several classification models.
- Visualized the results and merged multiple models into one that achieved over 28% accuracy.

SERVEME SYSTEM | Mobile, GitHub
Apr. 2020 | Arlington, TX
- Built a cross-platform mobile app for **Uber** to provide home services.
- Developed using Angular, Ionic framework, and Agile methodology.
- Led daily Scrum meetings and managed project goals using Trello.

CRYPTOCURRENCY ALERT BOT | Cross-Platform, GitHub
Jan. 2019 | Arlington, TX
- Built a Telegram bot to get price alerts and arbitrage notifications.
- Developed using .NET Core, Entity Framework, Google Sheets and several crypto-exchange APIs.
- Used by over 50 Telegram users and several developers as a portable library.

PLAGIARISM DETECTOR | Research, Windows, GitHub
Apr. 2017 | Mumbai, India
- Built a plagiarism detection tool for C source codes using GCC, C#, WPF and GitHub CI.
- Checks multiple source codes against each other for semantic similarity.