ATHARVA P. RAIBAGI

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EDUCATION

BS Computer Science | Minor Mathematics   Anticipated Graduation: May 2021
Texas Tech University, Lubbock – TX   **GPA: 3.78**

TECHNICAL SKILLS

Programming Languages   **Databases**
Python, C#, C/C++, Java, HTML, CSS, JavaScript, Swift   SQL, NoSQL, MS SQL Server, Azure Cosmos DB, Firebase

Tools/Frameworks/Libraries
Git/GitHub, .NET Core, REST API, Blazor, NumPy, Pandas, Matplotlib, Seaborn, Kubernetes, XCode, Visual Studio/VS Code

EXPERIENCE

Bayer U.S. – Kansas City, MO   May 2019 – August 2019
IT Intern - Application Development
- Built a workflow application from scratch using Blazor, Microsoft's new web UI framework for browser-based .NET apps to create Pressure Safety Design Reviews (PSDR's)
- Used .NET Core, C#, HTML, CSS and Microsoft SQL Server for development purposes
- Implemented a workflow process where the PSDR is circulated in groups to subject matter experts for approvals and then stored for future references
- Planned and proposed the technology to be used for a new Bayer Consumer Health product with interns across the US

INVOLVEMENT

Association for Computing Machinery   April 2019 – Present
Software Development Lead
- Organize all Software Development Groups and set what topics will be taught
- Recruit instructors for groups and interface with them to organize content

Senior Engineer for Note Sharing Platform
- Creating a note sharing platform for students to access and share notes related to a particular class
- Using .NET Core, C#, Azure Cosmos DB and Azure Stack for development and production purposes
- Overseeing a team of 11 engineers for building the claims services segment of the Note Sharing Platform
- Reviewing the code that is checked in and making sure it does not break the code of the other teams
- Responsible for deciding and teaching the technology to be used for building the team specific service

RISA at Texas Tech   January 2019 – April 2019
Instructor – Fundamentals of Data Science
- Taught students the fundamentals of data science, how to analyze and plot different types of data
- Taught the basic data structures in Python and libraries like NumPy, Pandas, Matplotlib, Seaborn and Plotly
- Students received a micro-certification after successful completion of the course

PROJECTS

Final Project – Minesweeper in Java   December 2019
- Rebuilt the minesweeper game as a final project for the Object-Oriented Programming class
- Used Java and the Java AWT package to create an interactive user interface for the game

Health&I (HackDFW)   April 2019
Winner – Children's Health Challenge
- Created a secure platform for doctors, patients and insurance agents to effectively communicate with each other
- Used Swift, XCode for iOS application development and Google firebase as the relational database on the backend

Rage Quit (Texas A&M University Hack)   January 2019
- Developed a program to track the level of anger of a user while playing a single player video game
- Used Microsoft Azure Cognitive Face API for Emotion Detection and OpenCV for Python to analyze the face data

HONORS/ACHIEVEMENTS

- Texas Tech President's List   Spring 2018, Fall 2018, Spring 2019
- Texas Tech Top 25% Presidential Scholarship   Fall 2017 – Present