

# ATHARVA P. RAIBAGI

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## EDUCATION

**BS Computer Science | Minor Mathematics**

Texas Tech University, Lubbock – TX

Anticipated Graduation: May 2021

**GPA: 3.87**

## TECHNICAL SKILLS

**Programming Languages**

Python, C#, C/C++, Java, HTML, CSS, JavaScript, Swift, SQL

**Tools/Frameworks/Libraries**

Git/GitHub, .NET Core, Blazor, NumPy, Pandas, Matplotlib, Seaborn, MS SQL Server, 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 Microsoft SQL Server to maintain the database of the employees and the PSDR's generated
- 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

**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

**Siddhakala Nrityalaya**

January 2018

- Developed a website for Siddhakala Nrityalaya an Indian Classical Dance Organization
- Also developed iOS and Android Web View apps for the organization

## HONORS/ACHIEVEMENTS

- Texas Tech President's List
- Texas Tech Top 25% Presidential Scholarship

Spring 2018, Fall 2018, Spring 2019

Fall 2017 – Present