

# ATHARVA P. RAIBAGI

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## EDUCATION

### BS Computer Science | Minor Mathematics

Edward E. Whitacre Jr. College of Engineering  
Texas Tech University, Lubbock – TX

Anticipated Graduation: May 2021

**GPA: 3.87**

## TECHNICAL SKILLS

C/C++, C#, Python, Java, HTML, CSS, JavaScript, SQL, MS SQL Server, .NET Core, Swift, XCode, Git/GitHub

## 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) for Bayer's Kansas City Site
- 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

- Part of a project to create 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
- In charge of making sure the code that is checked in, is of high quality and does not break the code of other teams
- Responsible for deciding and teaching the technology to be used for building the team specific service

RISA at Texas Tech

(January 2018 – Present)

### Instructor – Fundamentals of Data Science

(February 2019 – April 2019)

- Taught students the fundamentals of data science in Python and how to create different types of graphs and plots
- 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

Stock Analysis

(October 2018)

- Analyzed the stock prices of four Tech companies during the great recession period and how they bounced back, using Python and its libraries like NumPy, Pandas, Matplotlib and Plotly
- Used graphical representations to plot and analyze the data (<https://atharva1107.github.io/Stock%20Analysis.html>)

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 (<https://siddhakalanrityalaya.github.io/>)

## HONORS/ACHIEVEMENTS

- Texas Tech President's List (Spring 2018, Fall 2018, Spring 2019)
- Texas Tech Presidential Scholarship (Fall 2017 – Present)