Prajeeth Naliganti

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EDUCATION

Michigan State University   Aug. 2022 – Current
Bachelor of Science in Computer Science, Minor in Data Science and CMSE   *East Lansing, MI*

Lansing Community College   Aug. 2020 – May 2022
Associate's in Computer Science   *Lansing, MI*

EXPERIENCE

Data Analyst / Data Architect Intern   November 2022 – Present
Jackson National Life Insurance   *Lansing, MI*

- Embrace an **AGILE** methodology and use **Jira** as a tool for iterative development, customer collaboration, etc.
- Use **SQL** to query through data in my company's **EDP (Enterprise Data Platform)** for Data Engineers. Also, communicate with SME's for received reports and implemented **customer interaction**.
- Built an Obfuscation tool for Businesses using **Python** that obfuscates sensitive associate information and then using the obfuscated associate information as a key, obfuscates other files.
- **Collaborated** with my **team** to build a new data analysis process so that we can complete data analysis as effectively and efficiently as we can.
- Browsed **Erwin data models** to optimize/normalize data in them.

Undergraduate Learning Assistant   August 2023 – Present
Michigan State University   *East Lansing, MI*

- Labs:
  * **Lead** weekly labs for freshman/sophomore students
  * **Taught** students the basics of the assignment and easy **C++** methods before the start of labs.
- Help room:
  * Host weekly **Zoom help rooms** to aid students.
  * Offer **one-on-one** help to each individual student.
- Grading / Online Help:
  * **Grade** students' assignments **using Codio**
  * Answer public/private student questions on **Piazza**

PROJECTS

Inventory/User Management System | *Java — JavaScript — HTML*   August 2021 – May 2022

- Created a web page connected to a database that can keep track of users and inventory for products using **Java** with web development technologies for **user-friendly access**
- Management system allows users to create, edit, and delete accounts or products if their role allows access to them
- The website was created using **jsp, servlet, interface, and java files.**
- Has a s**ingle sign-on security system** and additionally has roles for each user so that only **authorized roles** can look at certain data.

"Medievel Knight" fantasy game | *C++*   November 2021 – May 2022

- Using **C++**, the game utilizes user input to determine path of a given character.
- Has a point system for every right path chosen
- Holds past high scores in a **csv file** and displays top high scores at the end of the game.

TECHNICAL SKILLS

Languages: Python, C/C++, ARM Assembly, Java, SQL, HTML/CSS, JavaScript, Mathematica, and MATLAB
Certifications: Microsoft Certified: Azure Fundamentals (AZ-900), Microsoft Certified: Azure Data Fundamentals (DP-900)
Developer Tools: Git, Databricks, Azure, Erwin, CLion, PyCharm, Visual Studio Code, Oracle SQL, Apache NetBeans, IntelliJ, Eclipse, Blender, OBS studios
Libraries: TensorFlow, scikit-learn, csv, pandas, NumPy