

Jawadul Islam (Salvin) Chowdhury

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SUMMARY

B.S Computer Science student at the Milwaukee School of Engineering with hands-on experience in data cleaning, visualization, statistical modeling and teams-based project experience in competitions. Devoting 4+ hours per week to co-curriculars and have skills in Pandas, NumPy, SciPy, Matplotlib & Scikit-learn.

EDUCATION

Bachelor of Science in Computer Science | Expected May 2027

Milwaukee School of Engineering • Milwaukee, WI

Cumulative GPA: 3.3

TECHNICAL SKILLS

Languages: Python & R

Software & Technologies: GitHub, Jupyter Notebook, Anaconda & Visual Studio Code

Skills: Pandas, NumPy, SciPy, Matplotlib, Scikit-learn, Tensorflow, Seaborn, Pytorch & Plotly

DATA SCIENCE EXPERIENCE

Company Bankruptcy Prediction

December 2024

Objective: Using a set of machine learning models used to predict a company's likelihood of bankruptcy

- Applied min-max normalization for data pre-processing to maintain relationships between data points.
- Developed K-Means clustering and evaluated performance using Silhouette Score for cluster cohesion.
- Tuning hyperparameters by experimenting with clusters, activation functions, neurons & dropout layers.

RESEARCH EXPERIENCE

Undergraduate Research Assistant

January 2024 - Present

- Collaborating with Dr.Kedziora on a project focusing on sequential model-based optimization.
- Developing parallelized processing techniques for reinforcement learning algorithms using the ray library.
- Performing statistical analysis to evaluate performance of models using bayesian additive regression trees.

EXTRACURRICULAR EXPERIENCE

MKE TECH FUSE Bootcamp

June 2024 - August 2024

- Awarded a fully-funded scholarship from the MKE TECH Hub to participate in the bootcamp program.
- Collaborated in a team of 5 students to develop an extension helping betters to win bets frequently.
- Achieved "In it to win it" award & Higher Education Regional Alliance (HERA) technology badge.

UW Madison MadHacks

November 2024

- Awarded a fully-funded scholarship from the MKE TECH Hub to participate in the bootcamp program.
- Collaborated in a team of 5 students to develop an extension helping betters to win bets frequently.
- Achieved "In it to win it" award & Higher Education Regional Alliance (HERA) technology badge.