

Shantnu Kaushal

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EDUCATION

ST. JOHN'S UNIVERSITY – 4.0 GPA
Bachelor of Science, Computer Science

Expected Graduation: 2025

PROFESSIONAL EXPERIENCE

UNREAL EDITOR (UEFN)
UGC Creator

July 2023 – Present

- Develop interactive gameplay experiences using Verse and visual scripting to enhance level design
- Optimize 3D environments to enhance performance and engagement across multiple platforms

BASE BUILDERS
Phone Canvasser

October 2022 – November 2022

- Conducted voter outreach to record data and collect feedback for campaign analytics

ERNST & YOUNG
Job Shadow

November 2019

- Learned about data analysis, communication strategies, and project staging from industry professionals

PROJECTS

DIABETES PREDICTOR

Utilized Scikit-learn, Pandas, NumPy, Matplotlib

- Built a linear regression model to predict diabetes progression based on age, gender, and other health metrics
- Visualized feature correlations and prediction results using scatter plots with Matplotlib

TITANIC SURVIVAL PREDICTION

In Development

- Training a model to predict passenger survival based on age, gender, and socio-economic status

VOLUNTEER WORK

ZOONIVERSE
Citizen Scientist

January 2023 – December 2023

- Contributed to large-scale data labeling efforts to identify species for research datasets

SMITHSONIAN
Transcriptionist

January 2023 – December 2023

- Transcribed historical documents to improve machine readability and to support digitization efforts

SKILLS AND ABILITIES

PROGRAMMING LANGUAGES

- Java, Python, SQL, HTML, CSS, JavaScript, Verse (UEFN Scripting Language)

LIBRARIES & UTILITIES

- NumPy, Pandas, Matplotlib, Scikit-learn, Jupyter Notebook, Git, MySQL Workbench

AWARDS AND CERTIFICATIONS

- Dean's List
- Elements of Artificial Intelligence

August 2022 – December 2024
November 2024