

Gautam Malhotra

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WORK EXPERIENCE

MarinePALS

Software Developer

Kowloon, Hong Kong

August 2023 – Present

- Actively participating in an AGILE development environment, contributing to the rapid development and iteration of marine vessel management applications and related products.
- Enhanced SQL querying techniques to optimize database interactions for high performance.
- Collaborating closely with cross-functional teams to deliver high-quality software solutions on time and within budget.

UCD Career Networks

Graduate Outcome Survey Coordinator

UCD, Dublin

April 2023 – June 2023

- Led a team to meticulously clean, filter, and organize incoming survey data, ensuring its meticulous preparation for further analysis
- Crafted data-driven narratives to present complex analysis results to senior stakeholders, enhancing decision-making processes
- Led to a 20% increase in efficiency compared to the last project iteration.
- Utilization of R Libraries: Extensively used a variety of popular R libraries for data analysis and visualization, enhancing the ability to manipulate, analyze, and present data effectively.
dplyr: for data manipulation.|ggplot2: for sophisticated data visualizations.|tidyr: for data tidying.|shiny: for interactive web applications.|caret: for machine learning tasks.|plotly: for interactive plots.

PROGNEUR

Intern Software Developer

Delhi, India

December 2022 – April 2023

- Developed a custom CRAFT model to enable EasyOCR to recognize text in Punjabi (Gurmukhi), a language not supported by the library out of the box
- Collaborated with domain experts in developing a custom CRAFT model for language recognition, showcasing strong problem-solving skills and a collaborative approach.

EDUCATION

University College Dublin

MSc in Data and Computational Sciences (GPA: 3.7)

Dublin, Ireland

Graduation Date: September 2022

- Predictive Analysis, Uncertainty Qualification, Multivariate and Bayesian Analysis
- Play analysis of LaLiga 19-20 in Python – Developed a comprehensive data analysis project, focusing on data storytelling to convey complex insights to a non-technical audience. [[GitHub Link](#)]
- Milk Spectral data analysis in R – Utilized Tableau for advanced data visualizations, enhancing the interpretability of complex datasets. [[GitHub Link](#)]

Christ University

BSc in Statistics, Mathematics (GPA: 3.82 / 4.0)

Bangalore, India

Graduation Date: September 2020

- Statistical Inference, Applied Statistics, Sampling Techniques, Time Series analysis

SKILLS & INTERESTS

Skills: Microsoft Office | Python | MySQL | JavaScript | R Programming | Rest APIs | Tableau | PHP | Ruby

Interests: Data storytelling, continuous learning, and a keen interest in sports betting and gaming analytics