DUREN GOUDA

Halifax, NS | Duren.Gouda@dal.ca | [LinkedIn](#) | [GitHub](#) |[Portfolio](#)

CO-OP STATUS

- Seeking a 4-to-16-month work term in Summer 2025

SKILLS

Languages: Python (Pandas, NumPy, Matplotlib), Java, JavaScript, HTML, CSS, Git, SQL
Databases: MySQL Server, PostgreSQL
BI & Visualization Tools: Tableau, Advanced Excel (Pivot Table, VLOOKUP, Conditional Formatting)
Developer Tools & Cloud: GitHub, Google Collab, Jupyter Notebook, Visual Studio
Data Skills: Data Cleaning, Data Processing, Data Analytics, Data Visualization, Data Storytelling
MS Office (365): Word, Excel, PowerPoint, Outlook, Teams, SharePoint, Visio
Interpersonal Skills: Critical Thinking, Problem Solving, Agile, Data Driven, Communication and Team Collaboration

TECHNICAL EXPERIENCE

Data Analyst Intern   April 2024 – August 2024
Odyssey Motors, Maruti Suzuki   *Sambalpur, India*
- Analyzed large datasets of service records, customer feedback, and repair logs using **advanced Excel** techniques, including, **Pivot Tables**, **VLOOKUP**, **INDEX-MATCH**, and **conditional formatting**, to identify trends and improve operational efficiency.
- Designed dynamic **Excel and Tableau dashboards**, integrating **DAX formulas** for advanced calculations to visualize key performance indicators **(KPIs)** and service trends.
- Automated repetitive data processing tasks with **Excel macros**, reducing manual effort by **30%.**
- Conducted **statistical analysis** to forecast demand, reducing turnaround time by **15%.**
- Collaborated with cross-functional teams to optimize inventory management using **data-driven models** and presented insights to senior management.

PROJECTS

Retail Orders Analysis | *Python (Pandas, NumPy, Matplotlib), Kaggle API, SQL, MySQL, PostgreSQL, Jupyter Notebook* ([GitHub](#))
- Made using P**ython** and **SQL** in **Jupyter Notebook**, leveraging the **Kaggle API** to access and download datasets.
- Extracted, cleaned, and processed data using **SQL queries** to ensure consistency and prepare it for analysis.
- Used Python libraries such as **Pandas**, **NumPy, Matplotlib**, uncovering patterns and trends in the dataset.
- Automated dataset retrieval and updates through **Kaggle API**, streamlining the workflow and improving efficiency.

Employee Well-Being and Productivity Analysis | *Python (Pandas, NumPy, Matplotlib)* ([GitHub](#))
- Performed an in-depth analysis using **Python** libraries like **Pandas**, **NumPy**, and **Matplotlib** (dataset from Kaggle).
- Cleaned and handled missing data effectively, including strategies for imputing NaN values.
- Visualized data trends using **Matplotlib** to highlight, and derived actionable insights based on the dataset.
- Demonstrated strong skills in **data processing**, **data analysis**, and **data visualization** for informed decision-making.

Road Accident Dashboard | *Tableau* ([GitHub](#)) ([Tableau Dashboard](#))
- Designed an interactive **Tableau dashboard** to visualize and analyze road accidents across the UK (dataset from Kaggle).

- Incorporated key performance indicators **(KPIs)**, showcasing year-over-year percentage changes.
- Developed a **dynamic map visualization** to identify accident hotspots, enhancing geospatial analysis by **25%**.
- Utilized filters to selections and comparisons, promoting **data-driven decision-making**.

Annual Sales Report Analysis | *Advanced Excel, PowerPoint, Visio* ([GitHub](#))
- Designed a comprehensive annual sales report in **Advance Excel**, using tools like **Pivot Tables** and **conditional formatting**.
- Analyzed large datasets to track sales performance, identified trends, and monitored **(KPIs).**
- Designed interactive dashboards to enable dynamic filtering and visualization of data insights.
- Automated repetitive tasks and demonstrated expertise in **Data Analysis** and **Data Visualization**.

Personal Portfolio Website | *HTML, CSS, JavaScript* ([GitHub](#)) ([Portfolio](#))
- Designed and developed a responsive personal portfolio website using **HTML**, **CSS**, and **JavaScript** to showcase skills.
- Optimised the website for performance for fast loading times and compatibility across multiple devices and browsers**.**
- Deployed the website using **Netlify** and **GitHub**, ensuring accessibility for potential employers and collaborations.

OTHER EXPERIENCE

Line Cook   May 2024 - Present
Tori Dori, Freehand Hospitality, Armour Group   *Halifax, NS*
- Prepared and cooked menu items efficiently in a fast-paced environment, ensuring high-quality standards and timely service.
- Managed multiple tasks simultaneously, demonstrating excellent **time management** to meet peak service demands.
- Collaborated with kitchen staff to maintain operations, ensuring proper workflow and **communications** during busy shifts.
- Delivered outstanding **customer service** by accommodating special dietary requests and ensuring satisfaction with meal.
- Monitored inventory levels and assisted in restocking supplies, reducing waste and optimizing resource use.

Together@Dal Mentor   Aug 2024 - Present
Dalhousie University   *Halifax, NS*
- Regularly checked-in with first year and incoming students, made sure they feel comfortable.
- Provided help and resources to ease their transition to university**.**
- Hosted and organized events in the university to create a sense of belonging for the Dalhousie Community.

Hackathon Volunteer & Participant, NASA Space Apps Challenge   Oct 2024
NASA and ShiftKey Labs   *Halifax, NS*
- Assisted in organizing and managing event logistics, ensuring smooth operations during the hackathon.
- Made a Quiz Game project using **Python** with my group in **less than 48 hrs** and did voluntary work simultaneously.
- Promote a collaborative and energetic environment, encouraging creativity and innovation among teams.

CERTIFICATES AND AWARDS

Data Analytics with Python Certification | ShiftKey Labs Academy Up   [Certificate](#)
Dalhousie Global Scholar Award |Dalhousie University
Computer Science Entrance Scholarship |Dalhousie University
Sexton Scholar |Dalhousie University
Dean's List |Dalhousie University

EDUCATION

Dalhousie University   Halifax, NS
Bachelor of Computer Science (Sexton Scholar)   *September 2023 – May 2027*
- Relevant Courses: Software Development, Data Structures & Algorithms, Database Systems