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 Python 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 MentorDalhousie University
Aug 2024 - Present
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 Dalhousie Global Scholar Award | Dalhousie University

Computer Science Entrance Scholarship | Dalhousie University

Sexton Scholar | Dalhousie University

Dean's List | Dalhousie University

Certificate

EDUCATION

Dalhousie University Halifax, NS

Bachelor of Computer Science (Sexton Scholar)

September 2023 - May 2027

• Relevant Courses: Software Development, Data Structures & Algorithms, Database Systems