

# DUREN GOUDA

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

## CO-OP STATUS

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

## SKILLS

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**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

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### 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

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**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

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### 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

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**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

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### Dalhousie University

Halifax, NS

*Bachelor of Computer Science (Sexton Scholar)*

*September 2023 – May 2027*

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