

Jr. Data Scientist

# SOMIN RAMCHIARY

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Portfolio: <https://sominzex.github.io/portfolio>  
New Delhi, 110019

## Skills

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- 🚧 **SQL** (Stored Procedures, Triggers, Joins, Window Functions, Union Operations)
- 🚧 **Python** (EDA, Machine Learning, Deep Learning, NLP, CNN/ANN)
- 🚧 **Tableau** (Visualizations, Dashboards)
- 🚧 **Excel** (Advanced Excel)
- 🚧 **Statistics** (Qualitative research, Quantitative research, Hypothesis Testing, Inferences)

## Projects

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### CUSTOMER CHURN PREDICTOR – Client Project

Aug, 2024

Link: [https://github.com/SominZex/customer\\_churn\\_modeling](https://github.com/SominZex/customer_churn_modeling)

- Research and analyzing reasons for **customer churn**.
- Performing Various statistical and quantitative analysis.
- Building and training churn **predictive model**.

### MALARIA DETECTION ALGORITHM – Open Source Project.

June, 2024

Link: [https://github.com/SominZex/malaria\\_detection\\_cnn/blob/master/malaria\\_detection.ipynb](https://github.com/SominZex/malaria_detection_cnn/blob/master/malaria_detection.ipynb)

- Built a **Malaria Diagnosing Model**.
- Performed data cleaning and preprocessing on **27,000 blood sample** images.
- Applied CNN algorithm to identify **Parasitic and Un-effected** Blood samples.
- **Trained & Evaluated** the model with 99% test accuracy and 94% validation accuracy.

### DOG BREED IDENTIFICATION MODEL – Open Source Project

May, 2024

Link: [https://github.com/SominZex/CNN\\_dog\\_vision/blob/master/dog\\_vision\\_complete.ipynb](https://github.com/SominZex/CNN_dog_vision/blob/master/dog_vision_complete.ipynb)

- Built a **CNN(Convolutional Neural Networks)** Model to identity 120 different Dog Breeds.
- **Trained** the model with 10,000 training images, tested with 10,000 images.
- Utilized various tools to **Visualize and process** image data.
- Gained **98% accuracy** in test set and 67% in evaluated, further fine tuned.

### NLP BASED WEB-SCRAPPER – Personal Project

June, 2024

Link: [https://github.com/SominZex/ultra\\_scrapper](https://github.com/SominZex/ultra_scrapper)

Model link: [https://github.com/SominZex/NLP\\_classifier/blob/master/model\\_training.ipynb](https://github.com/SominZex/NLP_classifier/blob/master/model_training.ipynb)

- Utilized **MySQL** to extract and store data from website
- Built and trained an **NLP(Natural Language Processing)** Model to classify website based on their metadata.
- Built a web scrapper using **Selenium and BeautifulSoup** to extract data from websites.

### STATISTICAL ANALYSIS & CLASSIFICATION MODELING ON COVID DATA – Academic Project

May, 2024

Link : <https://www.kaggle.com/code/somin69/covid-ml-model>

- Utilized **Python** to analyze Covid-19 dataset.
- Implemented Various **Statistical Modeling & Hypothesis Testing** to gain business insights.
- Aggregated and visualized the data by using **pandas & seaborn** and compiled a professional report.
- Built a **Classification Machine Learning Model** to classify Covid-19 severity.

## Internship + Skill upgrade

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### 6 MONTHS DATA ANALYSIS INTERNSHIP – Careerera – New Delhi

Oct 2023 – April, 2024

- Learnt practical implementation of Various machine learning algorithms as per different business requirements.
- Completed assignments on more than 6 industry relevant data.
- Python certificate: <https://test.careerera.com/certificate/sU1tNolrpnETTfa>
- SQL certificate : <https://test.careerera.com/certificate/4kkVet79Kkin4OM>

## Achievements

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### Data Science Project certification – Boston Consultancy Group, Dallas

- **Roles & Responsibilities** : Analyzing data, Building Predictive model
- **Goals** : Minimizing client's customer churns, optimizing business decisions.
- **Finalization** : Successfully trained a model to predict customer churns, reasons for churn is addressed and optimized.
- Certificate Gained : [https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/BCG%20/Tcz8gTprzAS4xSoK\\_BCG\\_uTpJqAeA46u2a7feo\\_1723968794295\\_completion\\_certificate.pdf](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/BCG%20/Tcz8gTprzAS4xSoK_BCG_uTpJqAeA46u2a7feo_1723968794295_completion_certificate.pdf)

## Professional Experience (Non-tech)

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### 4+ YEARS OF EXPERIENCE AS A MOTION GRAPHIC DESIGNER

2019 – 2023

- Exposure to various professional settings in various companies.
- Delivering creatives, UI/UX, motion graphics and static graphics for websites & social media.
- Proficient in Adobe creative suite, Adobe After effects, Adobe Photoshop & Adobe Premiere pro.
- Promotional Content creation for business needs.
- Link to creative portfolio : <https://dev-somin.pantheonsite.io/>

### RECENT COMPANY: BADA BUSINESS PVT. LTD. NEW DELHI

2023 – 2024

- Creating promotional videos & short contents.
- Designing motion graphics to make videos more appealing.
- Team work with graphics team & video team to meet design requirements.
- Offer letter: [https://drive.google.com/file/d/1sSBxU72sb60p2Z1lektXG\\_0D8mPyD-p/view?usp=drivesdk](https://drive.google.com/file/d/1sSBxU72sb60p2Z1lektXG_0D8mPyD-p/view?usp=drivesdk)
- Relieve letter: [https://drive.google.com/file/d/1sT5zQVVQhzYv0AFQZljNv7f2c\\_QFGSdl/view?usp=drivesdk](https://drive.google.com/file/d/1sT5zQVVQhzYv0AFQZljNv7f2c_QFGSdl/view?usp=drivesdk)

## Education

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### BACHELOR OF SCIENCE – Guwahati University – Guwahati, Assam

Nov, 2018

Majors: Physics

## Soft Skills

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- 3D: Data Driven Decision
- Corporate Communication
- Keen observer
- Open to feedbacks
- Critical thinking
- Team work

## Extra Curricular

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- Playing Guitar
- Reading Anything
- Coding
- Cooking