

# URVIN CHANDPARA

Rutherford, NJ | 551-285-7977 | bchandpara28@gmail.com

## EDUCATION

---

### FELICIAN UNIVERSITY

Bachelor of Science in Business Analytics and CS – December 2025

Rutherford, NJ

GPA: 3.9/4.0

**Relevant Coursework:** Business Analytics, Data Mining, Predictive Modeling, Database Management, Python for Data Analysis, Machine Learning, Statistical Inference

## WORK EXPERIENCE

---

### FELICIAN UNIVERSITY

Rutherford, NJ

*IT Helpdesk Specialist*

Sep 2023 – Dec 2025

- Provided technical support for hardware, software, and network issues.
- Managed helpdesk tickets(Jira) and help timely resolutions.
- Assisted faculty/students using Microsoft Admin Center and Azure.

### HK DESIGNS

New York, NY

*Data Science Intern*

June 2025 – August 2025

- Analyzed multi-year diamond sales data to identify patterns in pricing, demand, and seasonal trends.
- Built and evaluated predictive models (Random Forest Regressor) to estimate diamond sale prices based on cut, color, clarity, and market timing.
- Utilized Python, Pandas, NumPy, Matplotlib, and scikit-learn for data cleaning, feature engineering, and model evaluation.
- Delivered insights to help the company optimize pricing strategy and improve demand forecasting accuracy.

### NEW JERSEY DEPARTMENT OF LABOR

Trenton, NJ

*Automation Intern*

June 2024 – August 2024

- Designed and developed automated forms to streamline workflow processes, creating and implementing digital solutions to automate approval processes.
- Collaborated with team members to modernize company operations by integrating automation tools
- Utilized collected data for analysis and created dashboards to provide actionable insights and support data-driven decision-making.

### NEW JERSEY TRANSIT

Newark, NJ

*Data Collection and Record Management Intern*

June 2023 – August 2023

- Managed records and organized data using Excel (including VLOOKUP, pivot tables, and other formulas) and SQL by extracting valuable insights and improving the data analysis process.
- Conducted data analysis and generated reports from the database using Tableau, which helped support better decision-making processes.
- Maintained digital data storage and ensured data integrity and security.

## UNIVERSITY PROJECTS

---

### Kaggle – House Prices: Advanced Regression Techniques

*Machine Learning Project | Python, XGBoost, Pandas, Scikit-learn*

- Built an end-to-end regression pipeline using XGBoost, extensive feature engineering, and log-transformed targets to predict housing prices.
- Engineered domain features (house age, remodel age, garage/basement indicators), handled missing values, and prevented data leakage using proper train/validation splits.
- Tuned hyperparameters and optimized loss to ~\$12,000 MAE, ranking Top 100 out of 5,000+ competitors globally.
- Implemented feature importance analysis and iterative model refinement to improve generalization and leaderboard performance.

### Credit Card Approval Prediction – Neural Network Classification

*Deep Learning | Python, TensorFlow/Keras, Pandas, Scikit-learn*

- Built a neural network-based binary classification model to predict whether an individual should be approved for a credit card based on financial and demographic features.
- Performed data preprocessing including feature scaling, missing value handling, and class balance analysis, to improve model stability.
- Designed and tuned a multi-layer feedforward neural network, applying dropout and early stopping to prevent overfitting.
- Evaluated performance using precision, recall, F1-score, and confusion matrix to balance approval risk and false positives.

## SKILLS

---

**Technical Skills/ Tools:** Microsoft Office, SQL, C++, Python, HTML, Pandas, Matplotlib, Tableau, Canva, Power BI

**Soft Skills:** Communication, Team Player, Time Management, Multitasking, Problem Solving, Analytical skills, quick learner, Decision maker.

**Languages:** Fluent in English, Native Fluency: Hindi, Gujarati

## CERTIFICATIONS

---

Google Data Analytics

Bloomberg Finance Fundamentals

Google Machine Learning Course