

# Jessica Claire

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## PROFESSIONAL SUMMARY

<https://www.linkedin.com/in/Jessica-p-37a194182/> Detailed Data Analyst Intern well-versed in various statistical methods such as descriptive and influential statistics. Independent and versatile individual skillful in identifying data issues and monitoring existing metrics. Offering 6 months of experience collecting data, establishing facts and drawing valid conclusions. Proficient in Python Programming paired with first-rate report writing abilities.

## SKILLS

- Highly analytical and data analyst with in -depth knowledge of My SQL; Python – Statistical Programming;
- Research Methodologies; Data Visualization and Modeling, Cleaning
- Furnish insights, soft skills of Communication and Critical Thinking, Problem Solving, Team Player
- Languages: Python
- Machine Learning, DS & Algorithm, Statistics – Mathematical
- Tools: Scikit-Learn, Pandas, Open-CV, NumPy, Tableau, MS Excel
- Database Applications: SQL Server, MySQL
- Data Mining, Data Modeling, Data Warehousing, Data Visualization
- Soft Skills: Critical Thinking, Problem Solving, Adaptability, Product Understanding, Teamwork.
- Code and Quality Standards
- Analytical Thinking
- Source and Version Control: Git, GitHub
- Data Storage and Retrieval
- Software Design
- Data Science
- Object-Oriented Programming (OOP)
- Data Extraction
- Technical Writing

## PROFESSIONAL EXPERIENCE

**PYTHON DEVELOPER INTERN** 02/2021 to 06/2021

**Innovatics Consulting LLP | City, STATE**

- Identified, analyzed and interpreted trends or patterns in complex data sets by finding correlations and visualizing with charts.
- Utilized various professional statistical techniques and maintained large databases to collect and analyze data from partners and customers.
- Cleaned up and backed up data to maintain data integrity during extraction, manipulation and processing.
- Extracted, loaded and reconciled large amounts of data across system platforms and sources to validate user-centric scenarios.

**PYTHON DEVELOPER INTERN** 01/2021 to 05/2021

**Envelope Technologies Pvt. Ltd | City, STATE**

- Worked on one of their platforms named XPORIUM
- That Project was aimed at hosting virtual exhibitions on their 3DPlatform
- As part of the Project, I worked on developing several modules using Python as a Backend Programming Language.
- Partnered with company mentor to learn best practices in software design.
- Handled scripting tasks for debugging and automation using Python.
- Coordinated build integrations tasks with multiple teams.

**JR PYTHON AND MACHINE LEARNING DEVELOPER** 07/2020 to 10/2020

**Maxgen Technologies Pvt. Ltd | City, STATE**

- Transformed raw data to conform to assumptions of machine learning algorithm.
- Developed advanced graphic visualization concepts to map and simplify analysis of heavily-numeric data and reports.
- Designed, implemented and evaluated new models and rapid software prototypes to solve problems in machine learning and systems engineering.
- Collaborated with multi-disciplinary product development teams to identify performance improvement opportunities and integrate trained models.

## EDUCATION

**Master of Science | Computer Science** 05/2023

**The University of Texas At Arlington, Arlington, TX**

GPA: 3.1

- **Relevant Coursework:** Artificial Intelligence, Data Mining, Machine Learning, Data Analysis & Modeling Techniques, Database System, Web Data Management, Design & Analysis Algorithms, Adv. Topics in Database System

**Bachelor of Engineering | Computer Engineering** 07/2020

**LDRP Institute of Technology And Research, Gujarat, India**

GPA: 3.3

- **Relevant Coursework:** Data Structure, Python Programming, Java, C++, C, Operating System, Big Data Analytics, Software Engineering, Probability and Numerical Method, Linear Algebra and Vector Calculus, Theory of Computation
- **Thesis:** [A Comprehensive Study on Critical Security Issues and Challenges of the IoT World] [Springer] [May 6, 2020]

## ACCOMPLISHMENTS

- Optimizing Agricultural Production <https://github.com/ClaireJessica/Optimizing-Agricultural-Production>
- A Real Time Face Detection and recognition system <https://github.com/ClaireJessica/Face-Detection-Recognition-System>
- A Diabetes Prediction Project <https://github.com/ClaireJessica/A-Diabetes-Prediction-System>
- Stock Prediction System <https://github.com/ClaireJessica/Stock-Prediction-System>
- RESEARCH PAPER
- Title: A Comprehensive Study on Critical Security Issues and Challenges of theIoT World May 2020
- Published in Journal of Data, Information and Management – Springer on 6th

## CERTIFICATIONS

- Data Visualization for Data Analysis & Analytics | LinkedIn May 2022
- Python for Data Science and AI | IBM | Coursera Feb 2021
- SQL for Data Science | UC DAVIS | Coursera Jan 2021
- Machine Learning | Stanford University | Coursera Dec 2020
- Problem Solving (Basic) | Hacker Rank Nov 2020
- Internet of Things | Udemy May 2020
- Python | Udemy Mar 2019