

Ronley Petit

Lake Worth, FL
xeroron@gmail.com

[linkedin.com/in/ronley-petit-06221022a/](https://www.linkedin.com/in/ronley-petit-06221022a/)
github.com/ronleypetit

Objective

Data Analyst or Software Engineer with strong analytical skills and experience in Python, C++, and Java. Seeking a challenging position where I can contribute to the success of a team.

Experience

Physics Research Assistant, Florida State University August 2021 – May 2022

- Worked on a research project investigating the effects of different optical properties on the propagation of light
- Used Python and R to analyze and visualize data from the experiments
- Designed and implemented data analysis pipelines that automated the processing of large datasets

Education

Florida State University, Tallahassee, FL July 2022

Bachelor of Science Applied Mathematics / Minor Computer Science

Relevant Coursework: Mathematical Statistics, Mathematical Modeling, Data Structures & Algorithms

Project(s)

Loan Approval Prediction using various Machine Learning methods

- Conducted exploratory data analysis on mortgage loan data to gain insights into patterns and trends.
- Trained multiple machine learning algorithms, including Random Forest, K-Neighbors, Gradient Boost, Decision Tree, Support Vector Machine, Logistic Regression, Gaussian & Categorical Naive Bayes to predict mortgage loan approvals.
- Compared the performance of these models using appropriate evaluation metrics such as accuracy, precision, recall, and F-1 Score
- Tools Used: Python, Pandas, NumPy, Matplotlib, Seaborn, SciPy, Scikit-Learn, Jupyter Notebook

S&P 500 Price Prediction

- Used Time Series and Linear Regression to predict closing prices with 97% accuracy
- Tools Used: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, PyCharm

Skills

- **Programming:** Python, R, SQL, Julia, C, C++, Java
- **Databases:** MySQL, PostgreSQL, SQLite, Microsoft SQL Server, Google BigQuery
- **Data Visualization:** Excel, Tableau, PowerBI, Seaborn, Matplotlib, ggplot2
- **Tools:** Jupyter Notebook, PyCharm, Git, Linux