

CHRIS VALENTE

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SUMMARY

Motivated Computer/Data Science student with passion for software development and data analysis. Self starter and excellent communicator fluent in key technologies, and programming languages. Comfortable leading, collaborating, developing ideas and solving problems with others. Seeking an internship to further grow technical skills, and gain skills needed to advance in the industry.

EDUCATION

Ramapo College of New Jersey, Mahwah, NJ, *January 2024*

School of Theoretical and Applied Science

Bachelor of Science in Computer Science

GPA: 3.6 / 4.0

Honors and Awards: Minor in Data Science, Dean's List

Relevant Courses: Machine Learning | Data Visualization | Data Structures | Software Design | Operating Systems | Database Design

TECHNICAL SKILLS

Programming Languages: Python | C++ | R | Javascript | C | HTML | CSS | SQL | Markdown

Additional Skills: Git | Windows | MacOS | Linux | Data Visualization | Databases | APIs | Data Structures

Relevant Modules/Packages: PANDAS | Numpy | Matplotlib | Scikit-learn | Flask | FastAPI | SQLite3 | MongoDB

ACADEMIC PROJECTS

Divorce Prediction Analysis, Tools: Python, Scikit-learn, PANDAS, Numpy, Matplotlib, *Winter 2022*

Leader - Code & Project Report

- Performed extensive cleaning and preliminary analysis on a dataset of responses by various couples, (both married and recently divorced) with the goal of predicting the current relationship status of the couple.
- Implemented logistic regression, and observed feature importance and accuracy through the performance of classifiers such as Decision Trees, Random Forest, SGD, and SVMs.
- Led the design on the project coding standard, and was responsible for producing the final academic report on findings.

2022 Qatar World Cup Analysis, Tools: Python, PANDAS, Numpy, Seaborn, Plotnine, Matplotlib, *Spring 2023*

Project Leader

- Assembled group of peers and lead team through project lifecycle; fostered collaboration, communicated ideas and worked with team to implement design in order to meet the project goals.
- Provided extensive data cleaning and manipulation over a large dataset of World Cup matches, filtering and calculating certain advanced statistics, as well as refactoring data by player stats and country stats, respectively.
- Created key visuals to summarize data found in the World Cup, and led the visualization of statistics and trends of player performance.

WORK EXPERIENCE

School of Theoretical and Applied Science, Mahwah, NJ, *September 2022 - Present*

Tutor of Computer and Data Science

- Provides Computer and Data Science students assistance by resolving coding assignment issues, clarifying general topics of confusion pertaining to language syntax, foundational concepts, and problem solving through lecture or by example.
- Clarifies instruction in C++, Python, R for a range of courses including CS I/II, and those pertaining to data visualization.

MCS Automation, Lakewood, NJ, *June 2021 - August 2021*

Intern

- Assembled, wired, and coded industrial control panels and fabricated components used to automate manufacturing facilities in large distribution centers by clients such as UPS, FedEx and Amazon.
- Learned basic electrical concepts and wiring techniques with the goal of gaining an understanding for high level machinery 'under the hood'.