

AMINE YAHISINE

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Education

DePauw University

Bachelor's in Computer Science, **GPA: 3.42**

August 2020 – May 2024

Greencastle, Indiana

Technical Skills

Languages: Java, Python, JavaScript, HTML, CSS, MySQL, C++, Kotlin

Developer Tools: Android Studio, Git, GitHub, VSCode, Spyder, Eclipse

Technologies/Frameworks: Spring, Flask, Google Firebase (Authentication, Firestore), MongoDB, Microsoft Azure

Experience

Data Analyst intern

May 2023 – August 2023

Bridge Builder Strategies

Indianapolis, IN

- Utilized Python and Pandas to clean, analyze, and interpret over 20 datasets, enhancing data accuracy and client decision-making by 30%.
- Implemented advanced statistical models, including Linear Regression, achieving an average accuracy rate exceeding 90% for precise variable predictions within these datasets.
- Produced detailed reports with data visualizations, directly influencing client strategies with actionable insights, leading to a 20% increase in client project efficiency.
- Maintained a stellar client satisfaction track record, with an average rating of 4.8 out of 5, reflecting the substantial value delivered to clients.

Machine Learning instructor

June 2023 – Present

ID Tech

Remote

- Designed and delivered Python courses, resulting in the proficient training of over 120 students, with a 97% positive feedback rate.
- Leveraged Pandas, Seaborn, Matplotlib and scikit-learn to enhance student data manipulation skills, directly contributing to a 40% improvement in project outcomes.
- Collaborated with a team of 5 educational staff to pioneer and implement specialized teaching methodologies, increasing comprehension rates by 75% for students with Dyslexia.

Software Engineer intern

May 2022 – August 2022

PerformancePoint

Memphis, TN

- Led the development of a transformative Android app using Kotlin, AWS, and Firebase, streamlining operations for 31 SMEs with a reported 20% boost in efficiency through improved internal workflows and push notification engagement.
- Integrated Amazon SNS to add push notifications, boosting user engagement and responsiveness by 25%.

Projects

Eunoia Health Android app | Kotlin, Google Firebase, Figma, Room API

January 2024

- Incorporated Kotlin and Firebase for dynamic health feature integration, leading to a 40% boost in user daily engagement through effective gamification elements.
- Implemented an interactive feature set including step tracking, sleep, food, and water intake logs, and mood tracking, using the Android Sensor Framework and Firebase Firestore for real-time data synchronization and user engagement.
- Applied iterative development based on extensive user feedback, enhancing interface usability and feature set, which resulted in a 25% increase in satisfaction ratings.

Property Valuation predictor | Python, Pandas, sci-kit learn, numpy

December 2022

- Mastered intricate data pre-processing techniques, addressing missing values and pinpointing the top "k" variables most correlated with the target variable, ensuring a clean dataset optimized for regression analysis.
- Leveraged gradient boosting and ridge regression models to improve predictive accuracy by 15%, providing valuable insights for real estate pricing strategies.
- Manipulated complex data structures, notably dataframes, leveraging the capabilities of the pandas library for efficient data handling.
- Achieved a high cross-validation score of 92% with scikit-learn, enabling precise market trend analysis and supporting data-driven decision-making in real estate investment.