Leonardo Deane

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WORK EXPERIENCE

Amazon   **Mar. 2020 – Present**
Fulfillment Associate   *Mobile, AL*
- At Amazon, I accurately sort customer packages to maintain timely and precise delivery to customers.
- In addition to sorting packages, I make sure stacked pallets are loaded correctly and are ready to be safely shipped out to customers.
- I also ensure packages are correctly sorted for seamless distribution into delivery vans, ensuring accurate and timely shipments.

University of South Alabama   **May 2022 – May 2023**
Paid Researcher   *Mobile, AL*
- Collaborated on two machine learning research projects focused on detecting malware: one involved in analyzing computer performance data to classify and predict the presence of malware, while the other utilized image analysis to identify features and predict malware and the families the malware belongs to.
- Within the first project, I assisted my group members with their areas of the project including data mining and data processing while I wrote machine learning programs to classify the data collected as malware or not.
- The second project involved me using android application APK files and transforming them into PNG images then finding features within the images and using those features to detect malware within the applications.
- The program I wrote was able to detect malware with up to 85% accuracy.

Experimax   **May 2022 – Aug. 2022**
Tech Advisor   *Mobile, AL*
- At Experimax, I sold, traded, and repaired all customer devices from PC towers to iPhones.
- I also answered phone calls and online inquiries to help customers find solutions and sell products in store.

EDUCATION

University of South Alabama   **Graduated May 2023**
Bachelor of Science in Computer Science, Math Minor, Certificate for Artificial Intelligence   *Mobile, AL*
- **Software Engineering**- Made a teacher's assistant application in Python that helps teachers interact with the attendance, grades, and transferring of multiple students within several different classes.
- **AI Theory and Programming**- Made multiple programs utilizing AI algorithms to play, learn, and improve at games like Snake and 2048.
- **Secure Software Engineering**- Made a quiz-taking web-app with Python and SQL that had different functions based on the user's clearance level utilizing secure software engineering practices.
- **Data Warehousing**- Using Pentaho to transform NFL data, I created a data warehouse utilizing a relational star schema to maintain on-field injuries and visualize the data with Tableau.
- **Senior Project**- With the help of three other students, I created a program that used an API to gather data from Reddit posts and analyzed the most frequent words used in post titles and comments.

SKILLS & INTERESTS

- **Skills:** Java, C++, Python, MIPS, Windows/MacOS, High-Level and Low-Level Programming, well versed in Microsoft Word, PowerPoint, Excel, and SQL Database Management
- **Interests:** Seinfeld, music, art, video games, fashion, sneakers, football, baseball, and fitness