Matthew Yamamoto

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Education

Bachelor of Science in Computer Science
- California State University Dominguez Hills (CSUDH) - Graduated May 2019
Masters of Science in Computer Science
- California State University Dominguez Hills (CSUDH) - Expected Graduation May 2024 - GPA 3.575/4.0

Skills

- Python - created an object detection app using OpenCV
- Microsoft SQL/Crystal Reports - ran queries to visualize data for monitoring automation equipment and get summaries of equipment data
- Java - created an Android app in Android Studio for my software dev class
- HTML/CSS/Javascript - re-created a website for my HS robotics team

Projects

Car Data Jupyter Notebook
- Implemented BeautifulSoup to scrape autoevolution.com to learn something new about cars - Jupyter Notebook
- Visualize what manufacturers have the most models and how many models they still have in production.

Smart Parking Demo Video
- Implemented OpenCV filters to detect vacant and occupied parking spaces on CSUDH campus - Python/OpenCV
- Displays all parking spaces in real time to Android application - Dart/Flutter
- Implemented Firebase Firestore database to update all parking spaces in real time

Toros Navigation App Demo Video
- Indoor navigation app to provide routes to CSUDH classrooms and offices - Java
- Implemented the Indoor Atlas API for wifi/bluetooth tracking instead of GPS which allows for better accuracy indoors
- Implemented Dijkstras algorithm for waypoint navigation

Experience

IT Operations Support (Cogo Systems)   Jan 2020-Present
- Monitored automation operations and made sure the equipment is functioning properly with the terminal operating system. (Navis XPS and N4)
- Provided excellent customer service to operations labor and operations management on issues about the terminal operating system and automation.
- Reached out to respective departments and 3rd party businesses to make fixes in order to help the system operate correctly.
- Used data collected from Crystal Reports, Microsoft SQL and camera footage to research lost containers, damaged containers, and miscellaneous requests.
- Tested operations in dev environment to make sure new upgrades work seamlessly with live operations.
- Documented Service Desk tickets and tasks completed for each shift.