

Evelise Guenda

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EDUCATION

University of Houston Downtown (UHD)

B.S. Computer Science (GPA 3.96/ 4.00)

Houston, TX

Jan 2022 - Dec 2023

EXPERIENCE

Tesla Inc.

Production Engineering Trainee

Sparks, NV

Feb 2024 - Jun 2024

- Lowered inventory holding costs by 15% by developing an inventory tracking dashboard using MySQL and ZipLabs, facilitating real-time inventory updates and retrieval.
- Reduced troubleshooting time by 10% by leveraging production equipment HMI (Human Machine Interface) to accurately reflect production processes.
- Improved daily analysis of performance across 10 production lines by enhancing notification scripts using Python to dynamically detect performance issues and facilitate system recovery.

University of Houston Downtown

Student Research Assistant

Houston, TX

Sep 2023 - Dec 2023

- Led full-stack development of an educational platform aimed at enhancing vocabulary skills within Hispanic communities using JavaScript, HTML, and CSS, resulting in a 40% increase in user engagement.
- Enhanced student comprehension by 25% and reduced language barrier issues by 30% by developing bilingual educational resources in collaboration with linguists from English and Spanish backgrounds.

User Support Assistant

Apr 2022 - Sep 2023

- Administered the deployment, diagnostics, and resolution of hardware and computer software in over 30 computer systems, through onsite support to faculty and staff.
- Resolved network identification password issues to over 200 users, resulting in a 35% reduction in call volume.

PROJECTS

Coinfolio (github.com/evydsg/CoinFolio)

Android Studio | Java | RESTful API | Firebase

- Created a mobile application in Java using Android Studio for cryptocurrency tracking.
- Developed user authentication functionalities, including account creation and login.
- Enabled users to look up various cryptocurrencies and view real-time price updates.

Stay Positive (github.com/evydsg/StayPositive)

Android Studio | Java | Firebase

- Developed a mobile application using Java in Android Studio aimed at reducing anxiety levels, depression and insomnia among users.
- Implemented affirmations, meditation, journaling and prayer functionalities to offer users with tools to improve mental well-being.

AstroPix (github.com/evydsg/AstroPix)

Android Studio | Java | Kotlin | RESTful API

- Designed an android application using Kotlin to display diverse images from NASA REST API, accompanied by their corresponding dates and titles.
- Applied a feature that transitions the app's interface to a dark mode setting, ensuring accessibility and aesthetics in various lighting environments.

TECHNICAL SKILLS

Programming Languages: Java, SQL, Python, HTML, CSS, JavaScript

Technology / Software: Microsoft (Visual Studio Code), GitHub, MySQL, Android Studio, JIRA, Git

CERTIFICATES

- CodePath Certificate in Introduction to Android Development
- Meta Certification in Introduction to Mobile Application Development
- Meta Certification in Version Control