

# Viviana Vera

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[github.com/vivz-dev](https://github.com/vivz-dev)

## Education

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**Escuela Politécnica Superior del Litoral**, Bachelor's in Computer Science Oct 2018 – Feb 2025

- **Key Courses:** Statistics, Databases, Advanced Database Systems, Introduction to Data Science, Artificial Intelligence, Software Engineering.

## Certificatoin

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**Amazon Web Services (AWS)**, AWS Academy Data Engineering Aug 2024

- Cloud Computing, AWS (EC2, S3, RDS, Lambda), IAM, EC2 Auto Scaling.

**ISO/IEC 27001 Foundations**, Audetic Oct 2024

- ISO 27001, Information Security Management Systems (ISMS), Audit Management.

## Work Experience

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**Software Engineering Intern**, Hangaroa S.A., Guayaquil Feb – May 2024

- Improved the user experience of the mobile application.
- Integrated GPS (Google Maps), web admin panel, and periodic notifications in Android.
- Created and enhanced code documentation.

## Proyectos

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**Migo Ads**, Hangaroa S.A. May 2023 - Feb 2024

- Developed a mobile app to manage earnings generated by marketing and branding on vehicles for clients in Colombia.
- Lead engineer in the full software development lifecycle, applying Scrum methodology and advanced Software Engineering principles.
- Tools used: Figma, Angular, Ionic, MongoDB, Python.

**Analysis of Metrics Provided by the CANVAS Schooling Platform**, ESPOL - ExploraK5 Nov 2023 - Mar 2024

- Conducted research and literature review on learning management platforms for school-aged children and how to assess learning progress on such platforms.
- Identified KPIs through analysis of the platform's current situation and data extraction.
- Created a prototype dashboard to assess student performance in the e-learning mode of the platform.
- Tools used: SQL, Figma, Power BI, Ruby.

**Opinion Study and Data Analysis in the HerUX Community**, HerUX Community Jul - Aug 2024

- Collected data through structured online interviews with community members.
- Extracted audio from interviews and transcribed to text using automated tools.
- Data preparation, including cleaning, segmentation, spelling corrections, lemmatization, among others.
- Conducted quantitative data analysis, identifying recurring themes, word frequency, sentiment analysis, motivations, and areas for improvement.
- Created a dashboard in Power BI to present the analysis results to the community founder.
- Tools used: Zoom, Python, PowerBI.

## Skills

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**Programming Languages:** C99, JavaScript, TypeScript, Python, SQL, R, ASP.NET.

**Front-End:** Angular, Ionic, React.

**Tech Skills:** Machine Learning, Statistical Analysis.

**Soft Skills:** Leadership, Organization, Attention to Detail, Responsibility.

## Presentations/Talks

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**The Impact of UX on Software Engineering**, UEES, Guayaquil

Sept 2024

- In-person talk on the importance of user-centered design, focusing on how to implement good UX practices in the development life cycle to develop competitive software.