

# Devan Vazquez

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## EXPERIENCE

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### Commvault

Aug. 2022 – Dec. 2022

*Enterprise-grade protection and recovery of virtual machines, containers, databases, applications (including cloud), endpoints and files.*

Tinton Falls, NJ

#### Software Developer Intern

- Developed **back-end software** for users to connect to External Credential Managers (e.g. CyberArk, Azure Key Vault, Hashicorp), **increasing accessibility** for Commvault clients.
- Operated with a group of developers under an **Agile Environment**, using languages such as: **C++, SQL, Java, and Python**.
- Crafted and presented a PowerPoint presentation in front of colleagues, **explaining the benefits** of External Credential Managers and how they can be used alongside Commvault software.

### Mineverse LLC

Oct. 2020 – Mar. 2021

#### Assistant Lead Game Developer

Bonita Springs, FL

- Built the fundamental game mechanics for a **3D block building game** using Roblox Editor and Lua with the guidance of the Lead Game Developer.
- Implemented the use of **noise maps to generate a 3D environment** which the player can interact with, diminishing the amount of time needed to manually create terrain.

## PROJECTS

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### Pocket Surf

- Designed, Developed, and Published an interactive surfing game using the Unity Engine, built for Android and IOS, **available in the Google Play Store** under the name **Pocket Surf**.
- Analyzed impressions and feedback from **over 100 users** to further optimize the quality of the game.

### Armando AI

- Using the Python library **Tensorflow** and Discord's API, I Wrote a text prediction AI to receive a user prompt from a Discord Server, and output a text that imitates an actual response within the context of that server.
- Trained the AI using pre-existing and incoming text messages, the current model occupies over **100 GBs** in neural-network generated data.

### Know Your Beaches Website

- Built a website using Django Framework and once hosted with AWS that allows users to **submit, rate, and comment**, beaches in Puerto Rico.
- Pioneered a **unique rating system** that allows diverse classification of a beach depending the many attributes a beach possesses.

## EDUCATION

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### University of Puerto Rico at Mayagüez

Aug. 2018 – May 2024

#### Bachelor's in Computer Science and Engineering

Mayagüez, PR

- **Coursework:** Data Structures, Algorithms, Software Testing, Programming Languages, Computer Architecture, Automata and Formal Languages
- **Extra-Curricular:** Developed a Website for the school's Surf Association

## SKILLS

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**Languages :** Python (Django), JavaScript (React.js, Node.js), C++, C#, Java, Lua, HTML/CSS, SQL (MySQLite)

**Tools :** Github, Notion, Jira, Trello, Slack, Teams, Blender, OBS