Diosnel Acosta

Orlando, FL

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EDUCATION

Valenica College   Orlando, FL
Computer Science/Sophomore   *Expected 6/2027*
- GPA: 3.4

West Boca High School   Boca Raton, FL
Computer Science   *6/2021*
- GPA: 3.3
- Credits earned: AP Computer Science A, AP Computer Science Princples
- Microsoft Technology Associate Certification: Java and Javascript

WORK EXPERIENCE

Software Developer   Aug 2023 – October 2023
Pompano Beach Firefighters Benevolent   *Pompano Beach, FL*
https://pbfb.org/   Hours per week: 30
- Contract Work, modified and launched the existing site.
- Expanded the existing website by modifying its backend with a new modern system.
- Created an in-website donation system and handled payments.

Software Developer   May 2021 – June 2021
Pompano Fire Museum   *Pompano Beach, FL*
https://pompanofiremuseum.com/   Hours per week: 35
- Contract Work, created and launched the site.
- Orchestrated the creation of site
- Created a system for managing server-side operations.
- Added a system to handle purchases of tickets and deployed a system on site.

FREELANCE EXPERIENCE

Game Engineer   September 2017 - Present
- Developed and optimized gameplay systems, focusing on physics, locomotion, and game mechanics.
- Implemented and debugged features, ensuring smooth gameplay and performance.
- Integrated feedback from playtests to enhance game stability and player engagement.

TV Production - Lead Engineer   August 2019 - June 2022
- Took on the lead engineer role for high school's 'TV Production Class'.
- Assisted in school news production for the entire student body.
- Managed various responsibilities, including setup of audio systems, cameras, splitting systems.

TECHNICAL SKILLS

Languages: Java, C/C++/C#, Python, SQL, JavaScript, HTML5, CSS, PHP, Lua
Development: Object-Oriented Design, Game Systems, Backend Development, SQL Databases, Game Physics and Locomotion
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse