Godfrey Ponce

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EDUCATION

The University of Texas - Dallas *Cumulative GPA: 4.0*
Bachelor's, Computer Science *Fall 2024 - Spring 2028*

PROFESSIONAL EXPERIENCE

Research Assistant Richardson, TX
Design Research Program, UT Dallas *October 2024 - Present*
- Analyzing ~5000 hand-drawn graphs using graph topological complexity metrics as part of UTDesign-R's active research project
- Contributing to design research through ongoing data analysis using SQL and Excel for data manipulation, visualization, and reporting; conducting hypothesis generation and inferencing to advance the understanding of engineering design and education.
- Collaborating in a dynamic research environment to enhance skills in design research, utilizing tools like python for data analysis and R for statistical modeling while working toward academic credit and practical experience.

Grassroots Referee Houston, TX
South Texas Soccer Referee *May 2022 - Present*
- Enforced the game is played with fair play with safety of players and best interest of the game in mind.
- Collaborated with other officials during the game to professionally manage disputes and fouls from parents and players.

Teaching Assistant / Tutor Spring, TX
Code Ninjas *Feb. 2024 - May 2024*
- Evaluated student's comprehension of JavaScript and Scratch concepts, adjusting lessons, along with specializing on individual needs, students achieved a 39% improvement.
- Provided additional support to students on concepts outside of coding curriculum such as: Calculus, Pre-Cal, Algebra 1 and 2.

PROJECTS

Portfolio Website August 2024 - Present
- Developed a full-stack website with React, Node.js, Tailwind CSS, and coded in Visual Studio Code.
- Incorporated API's like Framer-Motion and Motion-Primitive, allowing users to dynamically visualize my website.

ModoroFlow September 2024 - Present
- Developing a productivity tracker based on the Pomodoro method, that monitors work and break cycles, currently serving real-time insights to help users optimize focus and efficiency.
- Implementing detailed analytics to assess user focus patterns, with features of AI-powered recommendations, and personalization focused profiles.
- Leveraging JavaScript, Chrome Storage API, HTML/CSS, and Chart.js to build a data-driven user experience.

LEADERSHIP

- Social/Marketing Officer for Google Developer Student Club, UT Dallas Fall 2024 - Spring 2025

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, HTML/CSS/Tailwind, C++
Frameworks: Node.js, React
Developer Tools: VS Code, Eclipse, IntelliJ, Git, PyCharm