Renato Adolfo Diaz

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PROFILE

An ambitious individual skilled in full-stack software development with a heavy interest in Machine Learning, A.I., and Game Development. Actively seeking internship roles as a Software Engineer.

TECHNICAL SKILLS

Programming Languages
Python | Java | C | C# | C++ | JavaScript | Haskell

Technologies
Git/GitHub | VSCode | macOS/Windows/Linux | Unity

EDUCATION

University of Central Florida, *Computer Science, B.S.* Aug 2021 – present
Expected Graduation Date: Fall 2024 | **GPA: 3.3** Orlando, FL

PROFESSIONAL EXPERIENCE

Software Engineer Intern, *Autodesk* May 2023 – Aug 2023
Worked on the automation & surveillance of anomalies & outliers in the CLS platform's log data using Kibana's elastic stack machine learning detection tool | Backend development | Java — San Francisco, CA

SoNIC Software Engineer Researcher, *Cornell University* Jul 2023 – Jul 2023
Cornell Bowers CIS research experience to work on a smart assistive cane made for individuals with visual impairments | Implemented using the ROS framework and a Raspberry Pi | Python — Ithaca, NY

Software Engineer Intern, *Endpoint* Jun 2022 – Sep 2022
Wrote unit & integration tests for the production & staging codebase on the Automation Team | Backend development | Python — El Segundo, CA

Undergraduate Research Assistant, *UCF Center for Research in Computer Vision* Oct 2021 – Sep 2022
Assisted faculty mentors in research for activity in a nursing environment | Research paper co-author: *Multimodal Transformer for Nursing Activity Recognition* | Presented current findings at several professional research conferences | Python — Orlando, FL

AMLI Software Engineer Researcher, *University of Kentucky* Jun 2021 – Jul 2021
Google & NACME Machine Learning research experience to work on a GCN-based model that determines ideal node placement in the BLN & provides a solution to the maximum betweenness improvement problem | Python — Lexington, KY

EXTRACURRICULARS & AFFILIATIONS

S.H.P.E. (Society of Hispanic Professional Engineers) UCF Chapter, *SHPE* Sep 2023

N.A.C.M.E. (National Action Council for Minorities in Engineering), *NACME* Jun 2021