

Carlos Georges

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Education

Bachelor of Science - Computer Engineering

University of Nevada, Las Vegas

August 2018 - December 2022

GPA: 3.94/4.0

Supervised the ECE lab. Led a software engineering team for the RebelSat student organization. Became a Teaching Assistant for two computer engineering courses. Received a College of Engineering scholarship.

Experience

CAD Electronic Design Automation Software Engineer

Intel Corporation

Feb 2023 - Present

Provide tool, flow, and methodology support for CPU design engineers. Continuously update and optimize flows for RTL synthesis, floorplanning, and timing validation. Creating web indicators from JSON data to visualize simulation results.

CAD Electronic Design Automation Engineering Intern

Intel Corporation

May 2022 - Sep 2022

Collaborated with physical design teams to enhance tool support for Synopsys ICC products. Developed a feature-rich application for converting ICC data into OAS layouts, aiding physical design teams. Authored harvester scripts to validate next-generation design environments.

Hardware Engineering Intern

Light & Wonder (formerly Scientific Games)

January 2022 - March 2022

Contributed to the hardware engineering department, improving electronic gaming machine subsystems. Developed a C# GUI for programming and validating FTDI embedded devices. Designed and released firmware in C for a new MPU architecture on a lighting board. Revised board schematics, layouts, and BOM to accommodate parts changes.

Laboratory Supervisor

UNLV Electrical and Computer Engineering Department

March 2021 - December 2022

Managed electrical and computer engineering lab sessions as an assistant to the ECE LAB director. Oversaw documentation, troubleshooting, and maintenance of an academic inventory of over 500 FPGA and custom microcontroller development platforms. Served as the departmental IT contact for three labs, each with 12-24 stations running Windows and Linux.

Publications

Exploring Anki Usage Among First-Year Medical Students During an Anatomy & Physiology Course: A Pilot Study

Joshua Levy, Kencie Ely, Gemma Lagasca, Hiba Kausar, Deepal Patel, Shaun Andersen, **Carlos Georges**, Edward Simanton

Journal of Medical Education and Curricular Development

PMID: 37822777 — PMCID: PMC10563486 — DOI: 10.1177/23821205231205389

Spoken Languages

English (Native), Arabic (Native), Aramaic (Native), Spanish (Fluent), French (Advanced), Italian (Intermediate), Portuguese (Novice).