David A. Organista

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# Summary

Dynamic and innovative Data Scientist with an exceptional blend of expertise in Modeling & Simulation, Cognitive Sciences, and Emerging Media, honed at the University of Central Florida. Demonstrates unparalleled proficiency in leveraging advanced data analytics, machine learning, and statistical modeling to solve complex business challenges and enhance decision-making. Distinctive in integrating visual arts and computational analysis to transform intricate data into compelling, actionable insights. Outstanding multilingual communicator (fluent in Spanish, French, and Portuguese) with a proven track record of fostering meaningful interactions across diverse demographics. Committed to driving business growth and operational efficiency through strategic data-driven approaches and cutting-edge technology solutions. Ready to contribute a unique perspective and sophisticated analytical skills to spearhead innovative projects

**Education**

University of Central Florida

Fall 2022 – Spring 2024 3.7 GPA

* Master of Science in Modeling and Simulation (Engineering; expected graduation: May 2024)

Summer 2016 – Spring 2021 3.5 GPA

* Bachelor of Fine Arts (B.F.A) in Emerging Media with a focus in computer animation
* Teaching English as a Foreign Language (TEFL) Certificate
* Florida Academic Scholarship (FAS) recipient
* Dean List Certificate recipient

Coral Springs Charter School

2016 Graduate 3.7 GPA

* AICE diploma recipient
* French Language: Distinction in Speaking (AS level)

**Professional Experiences**

2022 Volunteer at UCF’s SMART lab: Data collection and research assistant

2020 Freelance Animator, *Green Nature Coffee*, Winter Park, Florida -created animated English and Spanish tutorial videos for baristas.

2018 Content strategist and creative/design lead for problem-solving app development project

2018 Film director for short films with cohort (YouTube channel: *Golden Clouds Studios*)

2018 Conceptual strategist, researcher, and artist for *Astro Muerto*, a 3D-printing project

**Employment History**

Digimation (Training and Simulation company)

January 2024 – Present Lead Simulation Design Intern

* Collaborate with CEO to conceptualize and design firearms simulations for law enforcement and military applications
* Meticulous testing and debugging to tailor training experiences and enhance user functionality.

Institute of Simulation & Training

August 2022 – April 2023 Graduate Student Research Assistant

* Data collection & analysis
* Leading, co-authoring, and presenting research papers

Seminole County Public Schools

August 2021 – April 2022 Long-term Substitute Teacher

* Taught and managed classroom of Elementary-aged students
* Implemented visual and auditory aids to enhance learning

O2B KIDS

July 2019 – August 2020 Afterschool teacher

* Taught children ages 6-8 in the Arts, Sciences, reading, and mathematics
* Provided excellent Customer service: active and frequent communication with parents

**Skills Highlights**

* Proficiency in Python, R, SQL, and Excel for data analysis and visualization
* Strong problem-solving abilities applied to real-world business challenges
* Excellent communication skills, with fluency in Spanish, French, and Portuguese
* Proven ability to manage customer and client relationships, with experience across diverse age groups
* Multimedia Expertise in image, audio, and video editing through Adobe Creative Cloud: After Effects, Premiere, Illustrator