

DAVID A. ORGANISTA, M.S.

550 Carrigan Woods TRL, Oviedo, FL (954) 857-4349

David.Organista@ucf.edu · [LinkedIn/David Organista](#)

SUMMARY

- **AI-Driven Data Scientist** specializing in customized data storytelling for niche clients, proficient in Python, R, SQL, and Excel to deliver actionable insights and tailored solutions.
- **Expert in Advanced Analytics and Machine Learning**, with a proven track record of leveraging statistical modeling to solve complex business problems and drive strategic, data-driven decision-making.
- **Multilingual communicator** fluent in Spanish, French, and Portuguese with advanced proficiency in Adobe Creative Cloud (Photoshop, Illustrator, Premiere Pro, After Effects), adept at maintaining and developing client relationships across diverse demographics to drive increased satisfaction and retention through effective communication and interpersonal skills.

Employment History

Digimation Inc

1705 W Lake Mary Blvd, Lake Mary, FL 32746

Lead Simulation Design Intern (January 2024 – Present)

- Collaborated with the CEO to develop and deploy cutting-edge firearms simulation courses and curricula leveraging Atlassian development software. Oversaw quality assurance to improve training outcomes for law enforcement and military personnel.
- Conducted comprehensive testing and debugging of proprietary software, DART MAX, to enhance training experiences and optimize user functionality, resulting in improved system reliability and user satisfaction.

Institute of Simulation & Training

3100 Technology Pkwy, Orlando, FL 32826

Graduate Student Research Assistant (August 2022 – April 2023)

- Collected and analyzed multimodal human subject data using Elan for qualitative analysis and Excel for data visualization, enabling significant research contributions in cognitive science.
- Authored and co-authored three research papers accepted to international conferences, including in Greece and Japan, along with one poster presentation, advancing the fields of metacognition and AI in education.

Seminole County Public Schools

132 S Country Club Rd, Lake Mary, FL 32746

Long-term Substitute Teacher (August 2021 – April 2022)

- Taught and managed a classroom of elementary students, enhancing learning with visual and auditory aids.

O2B KIDS

1175 Oviedo Mall Boulevard, Oviedo, FL 32765

Afterschool Teacher (July 2019 – August 2020)

- Educated children ages 6-8 in arts, sciences, reading, and mathematics.
- Maintained excellent customer service through active communication with parents.

Professional Experiences

UCF SMART lab

3100 Technology Pkwy, Orlando, FL 32826

Data Collection Volunteer and Research Assistant (August – December 2022)

- Presented research posters and papers at academic conferences, enhancing the visibility of the lab's work.
- Collaborated with the research team, under the supervision of Roger Azevedo, to design and execute experiments in learning sciences.

Green Nature Coffee

1245 Michigan Avenue Suite E. Winter Park, Fl. 32789

Freelance Animator (2020)

- Developed, animated, and narrated coffee-related tutorial videos in English and Spanish for baristas, enhancing training programs.

Culture Shock

4000 Central Florida Blvd, Orlando, FL 32816

Creative & Design Lead (2018)

- Led cohort of 5 people through content strategies and graphic designs for a culture exploration app development project. (UCF Course Project)

Education

University of Central Florida

4000 Central Florida Blvd, Orlando, FL 32816

August 2022 – May 2024 3.7 GPA

- **Master of Science (M.S)** in Modeling and Simulation (Engineering)

June 2016 – May 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

Coral Springs Charter School

3205 N University Dr, Coral Springs, FL 33065

May 2016 Graduate 3.7 GPA

- Advanced International Certificate of Education (AICE) diploma recipient
- French Language: Distinction in Advanced Subsidiary (AS) level Speaking