

# DAVID A. ORGANISTA

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## **SUMMARY**

Dynamic Data Scientist skilled in Modeling & Simulation, Cognitive Sciences, and Emerging Media. Expert in leveraging advanced data analytics, machine learning, and statistical modeling to solve complex business problems. Exceptional ability to integrate visual arts with computational analysis, transforming complex data into actionable insights. Fluent in Spanish, French, and Portuguese, excelling in cross-cultural communication. Committed to driving business growth through strategic, data-driven approaches and cutting-edge technology.

## **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

## **Employment History**

### [Digimation Inc](#)

*1705 W Lake Mary Blvd, Lake Mary, FL 32746*

*Lead Simulation Design Intern* (January 2024 – Present)

- Partnered with the CEO to design and implement cutting-edge firearms simulation courses and curricula, while overseeing quality assurance protocols to enhance training for law enforcement and military personnel.
- Performed extensive testing and debugging to refine training experiences and improve overall user functionality.

### [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, leading to significant research contributions in cognitive science.
- Authored and co-authored research papers, resulting in world-wide publications advancing the field 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* (2022-2023)

- 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)

## Skills Highlights

- **Proficiency in Python, R, SQL, and Excel** for data analysis, visualization, and AI integration.
- **Excellent communication and language 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: Photoshop, Illustrator, Premiere Pro, and After Effects