



JACOB J. PAUL
STAFF CONSULTANT

jjpaul@engsys.com

Jacob Paul is a degreed Electrical Engineer from the University of Central Florida. Mr. Paul specializes in accident investigation and reconstruction. He has a background in motorsports racing and has a well-rounded understanding of electrical, mechanical, and kinematic characteristics of on and offroad motorcycles and motor vehicles. He is also proficient in AutoCAD Civil 3D and circuit design software.

Additionally, he has experience in data management, hardware and software design and troubleshooting, as well as project planning and supervision that he has applied to multiple fields from software development, product research and design, and airport construction.

Areas of Specialization

Automotive and Marine Accident Investigation/Reconstruction
Instrumentation
Electronic Design and Troubleshooting
Programmable Logic Controller System Automation and Testing
Certified FARO Operator
FAA Certified sUAS Pilot

Education

B.S., Electrical Engineering, University of Central Florida, 2021

Professional Certifications

sUAS Part 107 Remote Pilot Certification, FAA, 2023

Airport Certified Employee (ACE), AAAE, 2022

Professional Affiliations/Honors

National Association of Fire Investigators (NAFI)
The Institute of Electrical and Electronics Engineers (IEEE)

Positions Held

Engineering Systems Inc., Ft. Myers, Florida
Staff Consultant, 2022 – Present

AVCON Inc., Orlando, FL
Airfield Lighting Electrical Engineer, January 2022 – July 2022

CURIS System, Oviedo, FL
Product Development Engineer, August 2021 – December 2021
Database Intern, January 2021 – August 2021
Assembly Technician, July 2020 – January 2021

Coastal Conservation Association (CCA) Central Florida Chapter
Warehouse Staff Manager, 2018-2019

Continued Education

Event Data Recorder Update and Analysis, Ruth Consulting
Atlanta, GA, 2023

Bosch Crash Data Retrieval (CDR) Tool Technician Training; Institute of Police Technology and Management, University of North Florida – Fort Myers, FL 2023

Fire Investigation Training Program, National Association of Fire Investigators (NAFI)
Dallas, TX, 2023

FARO Focus 3D Scanner Certification
Aurora, IL, 2022

AAAE Airport Certified Employee (ACE)
Orlando, FL, 2022

Technical Reports

Alexa Enabled Pet Feeder Project Research Report
Airfield Lighting Site Visit and Existing Conditions Report
Airfield Lighting Proposed Lighting Report

Miscellaneous

Reel Knights Fishing Club Member, 2017 - 2020
Certified in CPR and First Aid, 2019
Tutored Peers Per Professors Request, 2017
Assistant Youth Lacrosse Coach, 2015
Florida Boater's Safety Certification, 2013
Microsoft Office Suite Certified, 2013
Florida Trail Riders (FTR) Member, 2010 – Present