

Internship & Work-Integrated Learning Center (WIL)

JOB VACANCY FORM

Job Reference No.: JVP08

Company Name: *Abu Dhabi Autonomous Systems Investments*



Company Type: Semi-Government

ABU DHABI AUTONOMOUS SYSTEMS INVESTMENTS CO. LLC.

Job Position/Title:	Analyst	Academic Major:	Mechanical Engineers
Salary Range:	27000 to 31000	Years of Experience:	Fresh Graduate
Job Location:	Al Ain airport	Job Type:	Full-time
Nationality:	UAE Nationals	Gender:	Male
Job Description:	1. <u>Examples on Job objectives</u> • Provide analytical thermal and fluid dynamics UAS design support from the preliminary design phase through to detailed design, development, certification, and manufacturing program phases. • Perform finite element/difference analysis relating to thermal and fluid mechanics. • Perform testing and data collection in laboratory and field environments. • Provide design solutions to trade-off AV performance, cost, and weight restrictions. • Perform Air Vehicle (AV) finite element analysis relating to stress, vibration, impact, mission fatigue life prediction and optimization. • Provide AV design solutions to balance performance, cost, and weight requirements. • Define materials, structural testing and basic structural analysis requirements. • Contribution within the structural design IPT as they relate to the AV structural base lining. 2. <u>Criteria of Job Purpose</u> • Perform the analysis, modelling, planning, and review functions associated with the thermal characterization of UAS LRUs. • Perform the analysis, modelling, planning, and review functions associated with the fluid-mechanical characterization of cooling systems. • To perform the analysis, modelling, planning, testing, and review functions pertaining to UAS Air Vehicle products in the fields of dynamics, kinematics, mechanisms and structural design. • Provide mechanical design development capability to further the UAS projects		
Minimum Qualifications:	BSc Degree		
No. of Positions Required:	20		
Job Close Date:	Open		

To Apply, UAEU Graduates/Alumni should send their CVs to:

yassin.elyan@adasi.ae

JOB NAVIGATOR

Locating Your Career Path