

the candidate:

the successful candidate will have strong academic credentials and the background to perform independent literature reviews and analysis.

he/she must be highly organized and able to work effectively both independently and in group environments.

the candidate must be proficient at providing clear status reports, developing useful technical presentations, and have the skills necessary to successfully present to coworkers, customers and company leadership.

required skills:

knowledge of meshing theory and algorithms

expertise using one or more cad software packages (e.g., solidworks, siemens nx, pro-engineer) or image processing packages (e.g, photoshop)

working knowledge of version control system, project planning and reporting systems, and software development project cycle terms

conversant (or better) with challenges in software development for multiple platforms – mac, linux, and windows

aircraft industry experience highly desired but not required (only 2nd to dynamic software development experience)

must be highly detail-oriented and self-motivated with a strong work ethic

ability to develop high levels of credibility and forge solid professional relationships with subordinates, peers, and management

education and experience:

bachelor degree in an engineering discipline, preferably electrical, mechanical, aerospace or computer science, with a master's degree strongly preferred

strong academic credentials, ability to perform independent literature review and analysis of research papers, articles, and white papers

experience or coursework in geometry and graphics, opengl preferred

3+ years of direct experience in developing mesh manipulations or other geometric software

experience using cad modeler apis (e.g., solidworks, siemens nx, pro-engineer) or cad kernel apis (e.g., acis, parasolid, granite) strongly preferred

experience in creating guis for cad or cad-like applications (e.g. image processing) using qt or other suitable techniques

opengl experience is also desired

expertise in rhino is a plus

experience with object oriented programming

compensation and opportunity:

this position offers the opportunity to function as a key player in a rapidly growing, entrepreneurial organization developing a new and innovative software.

a competitive compensation and benefits package designed to attract the highest caliber talent will be available for this position.

an in-depth background check will be run on any candidate prior to receiving a job offer.

an offer of employment is contingent on the results of this background check.

location

50 nanyang ave, singapore 639798

languages

english

malay