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SUMMARY OF QUALIFICATIONS

- Each bullet point (3-4) should be customized according to the qualifications in the job ad
- Bullet points can discuss years of experience, technical skills, areas of competency, etc.
- For example: Over 7+ years of experimental research in a multi-disciplinary lab

EDUCATION

University of California, Irvine, Irvine CA

Ph.D., Mechanical and Aerospace Engineering

Aug. 20XX

M.Sc., Mechanical and Aerospace Engineering

Jun. 20XX

Sharif University of Technology, Tehran, Iran

B.Sc., Mechanical and Aerospace Engineering

Jun. 20XX

TECHNICAL SKILLS

CAD Tools: SolidWorks, AutoCAD; CFD tools: GAMBIT and ICEM/Fluent, Tecplot; FEA/FEA tools: ANSYS

Programming: C++, MATLAB/Simulink, Mathematica, LabVIEW, Fortran

Software: MSC ADAMS, Mechanical Desktop, Working Model, Microsoft Word, PowerPoint, Excel

Experimental Testing: Experimental setup, data acquisition and data analysis with LabVIEW and MATLAB, image processing with MATLAB, Laser Doppler Vibrometer (LDV)

RESEARCH EXPERIENCE

University of California, Irvine | Dept. of Mechanical and Aerospace Engineering

Graduate Researcher | Laser, Flames, and Aerosols Lab

Sep. 20XX – Present

- Developed programming and computational skills by modeling external flows and studying liquid-gas interface through CFD tools and MATLAB
- Lead a team 10 interdisciplinary researchers in multiple collaborations resulting in increased department to department communication
- Authored and revised grant reports to support projects resulting in over \$50,000 of additional funding
- Developed fund management and project management skills by creating timelines for project completions and meeting deadlines
- Communicated research findings to diverse audiences through national conferences, peer-reviewed publications, and community outreach with local high schools enabling deeper understanding of findings

University of California, Davis | Dept. of Mechanical and Aerospace Engineering

Researcher | Micro-Electromechanical Systems (MEMS) and Nanostructures Lab

Jan. 20XX– Sep. 20XX

- Achieved expertise in FEA/FEAM analysis by using ANSYS tools to perform a thermal-stress simulation of an array of carbon columns on substrate exposed to sudden temperature change across the entire system
- Revamped and implemented new lab procedures after receiving 4-month clean-room training in microfabrication which resulted in increased compliance throughout the lab
- Collaborated project with Carbon Micro Battery Corporation

PROFFSIONAL ENGINEERING EXPERIENCE

Namvaran Petroleum Consulting Company, Tehran, Iran

Mechanical Engineer Intern

May 20XX-Dec. 20XX

- Maintained strong time management skills by ensuring multiple project deadlines were met, while assisting in the supervision of a team to ensure work productivity in a fast-paced environment
- Trained in and effectively utilized CAD and geometry modeling using AUTOCAD for independent and team projects