

Pulkit Joshi

Present Address

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Contact Information

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OBJECTIVE

Theoretical and computational chemist seeking postdoctoral positions.

EDUCATION

Doctor of Philosophy, Chemical Sciences

Tata Institute of Fundamental Research, Mumbai, India

July 2018 – present

THESIS: Long-range correlation effects in open-shell systems and temporary anions.

Master of Science, Chemistry (Specialization: Physical Chemistry)

University of Delhi, Delhi, India

July 2016 – May 2018

PROJECT: Enhancement of light harvesting property of ubiquitous porphyrin-based metal-organic frameworks by employing quantum dots.

GRADE: 77.90%

Bachelor of Science, Chemistry

St. Stephen's College, University of Delhi, Delhi, India

July 2013 – May 2016

GRADE: 87.63%

PROFESSIONAL EXPERIENCE

International Business Machines

January – August 1990

General Products Division, Tucson, AZ

(Co-op Assignment)

- Developed new selection criteria for applicant screening and selection at GPD Tucson. Conducted job analysis, wrote criteria, identified skill codes for applicant tracking, established rater reliability.
- Interviewed applicants for positions in Assembly, Warehousing, and Direct Customer Response.
- Assistant Co-op Coordinator. Initiated and maintained computer tracking for Co-op program. Organized all co-op seminars and activities, co-op directory.
- Representative on GPD Compensation Task Force. Prepared job descriptions, assigned corporate position code, and submitted for division approval.

Rensselaer Polytechnic Institute, Troy, NY

Professional Leadership Program, School of Management

October 1988 – March 1989

- Developed standardized interview to identify early management potential. Generated leadership dimensions and applicant assessment scale.
- Completed 30 hours of interviewer training. Interviewed 75 candidates.

Department of Psychology

May – December 1989

- Trained engineering students in the development of interpersonal skills. Facilitated group interaction, provided individual feedback via application analysis papers.

New York State Department of Mental Health
Bureau of Management and Program Evaluation, Albany, NY

September – December 1989

- Conducted research to identify key evaluation factors in the statewide investigation of Intensive Care Facilities for disabled persons.

Colonie Center Shopping Mall
Albany, NY

January – June 1989

- Served as consultant for new management team in techniques for managing change.
- Developed and administered organizational climate survey.
- Facilitated management-employee feedback sessions.

COMPUTER SKILLS

Experienced in SPSS, BMDP statistical packages; LOTUS 1-2-3, Personal Editor

PUBLICATIONS

- “Job Analysis - A True Picture,” Journal of Headhunters, Vol. 5, Number 3. Fall 1990
- “The Fine Tuning of Interpersonal Skills,” Journal of Recruiting/Hiring, Vol. 16, Number 7, August 1990

MEMBERSHIPS

American Psychological Association, Student Affiliate
Vice President of Activities, RPI Weight-training Club
Chairperson, Entertainment Committee, Utica College
Latin-American Student Union, Utica College
Member All-American Nautilus

HONORS

Full tuition assistantship, Rensselaer Polytechnic Institute
PSI CHI National Honor Society
PHI THETA KAPPA National Honor Society

INTERESTS

Classical piano, jazz, bodybuilding/aerobic exercise, cooking, dancing