

# Name Surname

PATENT EXAMINER | ELECTRICAL ENGINEER

- Houston, TX
- [email@address.domain](mailto:email@address.domain)
- (555) 555 5555

Citizenship: United States

ANNOUNCEMENT NUMBER: **XX-2016-XXXX**

JOB TITLE AND GRADE: **Patent Examiner (Electrical Engineer) XX-XXX-XX/XX**

## PROFESSIONAL OVERVIEW

An adaptive and ambitious M.S. in Applied Physics Engineer with a background in research and development with strong desire to excel in this profession, where years of experience and knowledge add valuable procedures.

- Experience in advanced research with major concentration in condensed matter of physics/material physics.
- Knowledgeable researcher with extensive training in literature review, numerical analysis and 3D modeling.
- Very good understanding of electronics principles and their applications.
- Motivated and industrious team player with strong work ethics.

## KEY STRENGTHS & TECHNICAL SKILLS

- Excellent research skills
- Detail oriented & Independent
- Good analytical ability.
- Strong leadership attributes.
- Excellent time management skills
- Counselling & negotiating skills.
- Strong decision making skills.
- Team leadership & player
- Organizational planning
- Critical thinker
- Complex problem solver
- **OS:** Windows 7/10/2K/NT/XP/Vista/7, LINUX, Sun Solaris, & UNIX
- **Productivity Tools:** MS Office, MS Project
- **Programming:** C/C++, Fortran, Matlab, Latex
- **QA:** QTP, Load Runner, Manual testing
- **Math Tools:** Maple, Mathematica, XMGR.
- **Internet:** Email/Webmail, Online Research, Social Networking & Collaborative Computing
- **Modeling tools:** AutoCAD
- **Project Management:** Basics

## EDUCATION & CREDENTIALS

NAME UNIVERSITY – City, Country

**Master of Science in Applied Physics** | *graduated*

NAME UNIVERSITY – City, Country

**Master of Science in Physics** | *graduated*

**Bachelor of Science in Physics** | *graduated*

## HONORS & AWARDS

NAME UNIVERSITY – City, Country

- NSERC Research Capacity Building Grant MSc Award | 2005-2006
- Graduate Fellowship | 2004-2007
- Summer Fellowship | 2005-2006

## PROFESSIONAL EXPERIENCE

Name University – City, Country

Sep 2004-Apr 2007

*Various Positions Held:*

Supervisor: Dr. Name Surname, Professor of Applied Physics (555 555 5555 Ex. 5555)

40 Hrs per week

May be contacted (yes/contact me first)

Salary: \$XXk/year

**GRADUATE RESEARCH ASSISTANT** | *Sep 2004-Apr 2007*

PRIOR RESEARCH: Searched existing journals/publications to ensure that research topic was new and unique. Retrieved technical information from library databases and other sources (i.e. Journals, Conference Papers).

*Continue ...*

**INFORMATION COMPARISON:** Analyzed technical and subject-specific information, and compared technical matter, according to the requirements applicable. Wrote clear and well-reasoned communications.

**COLLABORATION:** Interacted with colleagues and supervisors to continue research efficiently.

**SIMULATION:** Performed numerical simulations to confirm the acceptable result from, the possibilities of the results using existing theories. Studied the spin-Peierls instability in the three-leg Heisenberg ladder coupled to phonons.

**REPORTING:** Wrote numerical code using C program to compute the mean field equations, energy spectra and free energy for the columnar configuration. Analyzed data and provided theoretical explanations for simulations. Used Latex to write the whole thesis, including complex mathematical equations.

**RESEARCH PERFORMANCE:** Planned and conducted technical research to draft technical papers for American Physical Review B.

**RESPONSE, PRESENTATION AND INTERPRETATION:** Orally communicated with professors on applying basic and advanced electrical engineering principles and concepts. Presented thesis studies to a variety of audiences by passing on the results of research findings.

### **TEACHING ASSISTANT** | *Sep 2004-Sep 2006*

**ENSURING LABORATORY CONFORMITY:** Assisted undergraduate students with lab experiments.

**WRITING ACADEMIC ACTIONS:** Supervised and marked undergraduate examinations and lab reports for

- PHYS 1006 E Introductory Physics I, PHYS 1007 E Introductory Physics II
- PHYS 3107 E Theoretical Physics II and PHYS 3036 E Classical Thermodynamics

### **PUBLIC OUTPUT [publications & presentations]**

“Name” PHYSICAL REVIEW B 76, 132410 \_2007\_ Name Surname, Name Surname and Name Surname  
<http://link>

**Thesis Abstract:** Description