

Ian Engineer, Ph.D., P.E. Electrical Engineer
14 Mathematics Way West, Aiken, SC 29803
ianengineer@gmail.com
Home phone (802)555-1212, Cell phone (305)555-1234
IEEE# 01234546

SPECIALTIES

Electrical Failure Analysis, Electrical Accident Evaluation, Technical Investigations, Products Liability, Electromagnetic Analysis, Circuit Design [This is the time to list all your specialties and not to leave any to be implied from your resume. Consider this section as part of your resume for a position you are applying for.]

Education

-
- | | |
|------|---|
| 1969 | Ph.D., Electrical Engineering 03/1966 - 10/1968 [Make sure you include the start and end dates]
Carnegie-Mellon University, Pittsburgh, PA |
| 1964 | MSEE, Electrical Engineering 09/1963 - 06/1964
Carnegie-Mellon University, Pittsburgh, PA |
| 1960 | BSEE, Electrical Engineering 09/1956 - 06/1960
University of South Florida Tampa FL |

Experience

01/2018 to Present: Tudor –Educational Services; Calculus; Physics; Statistics

[This is where you list your accomplishments in detail and show off. Do not be shy or assume from a brief description that the nominator, your references, or the IEEE review committee can infer what you did. Who managed, how many engineers, what was the result of your time at this position needs to be detailed. If you taught courses at a college or university, list the courses and if you were key in the development of the curriculum. This section should have two to three paragraphs at a minimum depending on the number of years in the position, stating your individual accomplishments. For example, if you have been in a position for 7 years, your accomplishments cannot be summed up in a single sentence. Boast about yourself and accomplishments This not only shows your engineering skills but provides to your senior nominator the ability to take your accomplishments and place them in his own words on the application.]

052009 to 02/2018 Substitute Teacher –High Schools with preference for Science and Mathematics.

[Indicate here if your teaching was part of a STEM program or helping the disadvantaged in learning a program language. How through your teaching did your mentoring awaken the students desire to learn and contribute to his/her self-worth and society.]

06/2005 to 05/2009

Engineering Solutions – Engineering consultant with ABD Engineering,

[List the projects which you were responsible for, the overall cost, the benefit of your work. Provide enough details so the review does not have to infer what you did.]

01/ 1999 to 11/ 2001

Club Propulsion, Inc, Augusta, Georgia. Director, Product Development

List Responsibilities

07/1998 to 12/1998

University of South Carolina, Columbia, South Carolina. Adjunct Professor, Electrical Engineering. Taught Electromagnetics.

List Responsibilities

[List the courses you taught, course number, undergraduate/graduate. Teaching electromagnetics is fine, put there are many different types of electromagnetics courses and do not leave it up to the reviewer to guess the courses you taught.]

08/1961 to 08/1963, 07/1964 to 02/1966

Hercules, Inc., Cumberland, Maryland. Instrument Engineer, List Responsibilities

06/1960 to 06/1961

McDonnell Douglas Corp. Electrical Engineer. Responsible for developing digital simulation routines in the Guidance and Control Group.

Significant Performance

Very Important Paragraph

List what you think are your most significant achievements over a period of five years of your career, sequentially or several projects adding up to five years but always including the dates Start (mm/yyyy) – End (mm/yyyy) (

02/1962 to 12/1964: Developed prototype ignition control for Second Stage Polaris missiles. The resulting development save the government \$\$\$\$ in this project.

03/1965 to 03/1968: As part of my Ph.D. laboratory experiments, I discovered that ionizing radiations from corona discharges are reflected from copper surfaces which explained puzzling results that had been previously reported.

[Here again list what you feel is your significant performance and why it is significant. You need to sell yourself; this is not the usual mode of an engineer. For example, did your significant performance allow for future development in missile guidance, IC fabrication, application software that performed or implemented a new algorithm or technique, lead a team of engineers that helped us in the space program, etc... Expand upon your significant performance, do not assume the reader can infer what

you accomplished. Do not go overboard but ensure that all the important aspects are included in this section.]

Please follow the following IEEE Guidelines to write your Significant Performance:

Five Years of Significant Performance Overview

Many prospective applicants make the mistake of assuming that "Significant Performance" requires special awards, patents, or other extremely sophisticated technical accomplishments, but this is not the case. Substantial job responsibilities such as Team Leader, Task Supervisor, Engineer In Charge of a program or project, Engineer Or Scientist performing research with some measure of success (papers), or faculty developing and teaching courses with research and publications, all are indications of Significant Performance. The following are also indications of Significant Performance:

- *Substantial engineering responsibility or achievement*
- *Publication of engineering or scientific papers, books, or inventions*
- *Technical direction, or management of important scientific or engineering work, with evidence of accomplishment*
- *Recognized contributions to the welfare of the scientific or engineering profession.*
- *Development or furtherance of important scientific or engineering courses that fall within the IEEE designated fields of interest.*
- *Contributions equivalent to those of the above in such areas as technical editing, patent prosecution, or patent law, provided these contributions serve to advance progress substantially in IEEE designated fields.*

Significant performance that would serve to qualify an individual for elevation to Senior member need not have occurred in the years immediately prior to the application. Thus, Life and Retired members are eligible for elevation.

Professional Organizations and Honorary Societies

IEEE and others

Publications

List all Publications here **[It is helpful to list the number of publications]**
[List the authors, paper title, conference or journal presented/published in, year. The IEEE style for listing citations in your published papers works well here. If your paper was an invited paper, please note it.]

Patents Twenty-One Patent Disclosures, Fourteen Patents Awarded

Patent No. Title

List all patents here

PE Registrations

Registered Professional Engineer in Wisconsin (#123456)

Registered Professional Engineer in Pennsylvania (#345678)

Registered Professional Engineer in South Carolina (#8901234)

[List the registrations which are active, even through you may some that you have not used in a few years.]

Courses Authored:

List any courses authored and taught at college level

Continuing Education:

List all continuing education