

NATIONAL DEFENSE SCIENCE & ENGINEERING GRADUATE FELLOWSHIP PROGRAM

SECTION I - APPLICANT TO COMPLETE

SE G A L A L I D A

Last name first, using one blank space between names. Please type or print clearly in black ink.

Name of Referee: Dr. Joseph S. Paul Title: STAFF MEMBER 07937
LIBERTY CORNERS, NJ
Department: _____ Institution: BBR SYSTEMS, INC 150 ALLEN RD
Applicant's Area of Proposed Research: Computer Science - Parallel Computing or Artificial Intelligence

REFERENCE EVALUATION OF APPLICANT

SECTION II - REFEREE TO COMPLETE

A. ACQUAINTANCE WITH APPLICANT:

1. I have known the applicant for a period of 1 years and/or _____ months.
2. I have known the applicant as an undergraduate a graduate student an employee in military service
 other (please specify): _____
3. I have served as the applicant's teacher in several classes teacher in only one class advisor supervisor
 other (please specify): _____

B. APPLICANT'S SCIENTIFIC ABILITY:

In comparison with a representative group of the applicant's peers in the same field who have approximately the same amount of experience and training, how do you rate the applicant in ABILITY?

- ___ Truly Exceptional. Equivalent to the very best you have known—a person, who in your experience, appears once every few years.
- Outstanding. Comparable to the best student in a current class. Highest 5%.
- ___ Unusual. Next highest 5%.
- ___ Above Average. Ability easily identifiable, but not upper 10%. Probably upper 15%. Certainly upper 25%.
- ___ Average. Probably able to complete work to the Ph.D. degree. Upper 50%.
- ___ Below Average. Lower 50%.

C. COMMENTS: Please complete the question **on the back** to facilitate thorough review of the applicant

**CONTINUED ON
THE NEXT PAGE**

Joseph S. Paul
Signature of Referee

11/25/98
Date

Confidentiality: You should check one of the two boxes below as applicable. If you fail to check either box, your comments will be treated as confidential, but you are warned that your failure to check box A may result in a requirement to provide these comments to the applicant under the Privacy Act of 1974.

- A My preparation of this Reference Report is conditioned on the promise of the DoD granting agencies and contractors to hold my identity as the author of these comments in confidence to the extent permitted by law.
- B My preparation of this Reference Report is not conditioned on the promise of the DoD granting agencies and contractors to hold my comments in confidence.

COMMENTS: In the space below, please describe in some detail, the applicant's abilities and comment on his/her potential as a scientist/engineer, elaborating, where appropriate, on such matters as versatility; ability to make sound, technical judgments; major academic strengths and weaknesses, if any; performance by the applicant in an independent study or in research-participation programs; and any other characteristics you deem pertinent. Please type or print in black ink or attach a separate printed sheet. Do not include copies of any publications.

I have known and supervised Ms. Alida Segal on a daily basis for well over a year on a consulting project involving sockets, TCP/IP protocols, UNIX/C client-server programming, AIX administration and 'C++' programming expertise. In my opinion, I would rate her in the 95th percentile in the above areas.

In my years teaching computer science and quantum mechanics at the graduate level, I placed great emphasis on the manner in which graduate students approached problems. Ms. Segal rates very highly in the area. She is independent and thorough in researching relevant material and can employ that knowledge to solve the task at hand. She is meticulous and careful and is also very rapid at learning new skills. She is self-motivated and takes extra measure that is the hallmark of a top-level graduate student.

I recommend her very highly for admission to the Ph.D. program in Computer Science.

Very truly yours
Joseph A. Paul Ph.D., P. Sc.
Univ. of Texas (Ret.)
Honorary Life Member, New York
Academy of Sciences

After completing this evaluation, please forward to:

NDSEG Fellowship Program • 200 Park Drive, Suite 211 • P.O. Box 13444 • Research Triangle Park, NC 27709-3444