

HARVARD UNIVERSITY

APPLICATION



The Graduate School of
Arts and Sciences

ADMISSIONS OFFICE

Holyoke Center, 75 Mt. Auburn Street, Cambridge 38, Massachusetts

Acade



Mr. Dennis Mac Alistair Ritch
 Full Name ~~Miss~~ Dennis Mac Alistair Ritch
 (No Initials) ~~Mr.~~ Dennis Mac Alistair Ritch
 Mailing Address Lowell House N-22 Cambridge 38 Ma
 Street City and Zone Last (Fa
 Permanent Address 161 Kent Place Blvd. Summit New
 Street City and Zone S
 Marital Status single No. of children 0 United States
 Citizenship: Other _____
 Do you plan to marry before starting graduate school? no Country
 Date of Birth Sept. 9 1941
 Month Day Year

APPLICATION FOR SCHOLARSHIP OR NON-TEACHING FELLOWSHIP

To be considered for a scholarship, this scholarship section and accompanying scholarship cards must be filled out completely and the application for admission filed at this office **PRIOR TO 5 P.M. FEBRUARY 1, 1963** together with all supporting papers.

Minimum scholarship required for 1963-64: \$ _____

Estimated Resources (9 months) 1963-64

Estimated Expenses (9 months) 1963-64

ADDITIONAL INFORMATION

List total estimated resources	\$ _____	Minimum required for:	_____	Parents' annual income (after taxes) \$ _____
		Single man	3200	Other comments, if any: _____
		Man and wife	4200	
		For each child	500	

Please list any Harvard Scholarship or Non-Teaching Fellowship (other than those limited to your field of study) specially restricted by the terms of the gift for which you think you qualify: _____

Scholarships you have held: _____

Please list any non-Harvard grants you are applying for: _____

SPACE BELOW RESERVED FOR GRADUATE SCHOOL USE

Please Continue on Next Page

COMMENTS DEAN'S OFFICE STAFF: _____

RECOMMENDATION OF DIVISION OF ENGINEERING AND APPLIED PHYSICS (Division, Department, or Committee)
 Members consulted Exll, Frueh, Peryman, Koles, RCH, Stumm

to (Family)

DENNIS

MACALISTAIR

RECORD OF Ritchie, Dennis MacAlister

CLASS 1963

Lowell House
HARVARD COLLEGE
CAMBRIDGE 38, MASSACHUSETTS

RECEIVED DEGREE

ON 19

HOME ADDRESS 161 Kent Place Blvd., Summit, N.J.

BORN 9-9-41 AT Bronxville, New York

ADMITTED IN 5-59 FROM Summit High School
Summit, New Jersey

STATUS

- GOOD STANDING
- WARNING
- PROBATION
- CONNECTION SEVERED
- PROBATION CLOSED
- REQUIRED TO WITHDRAW
- A/C RECORD
- A/C DISCIPLINE
- FOR SECOND AND FINAL TIME

GRADES

- A HIGH HONOR
- B HONOR
- C SATISFACTORY
- D PASSING
- E FAILURE
- ABS. ABSENT FROM EXAM — NO CREDIT
- EXC. EXCUSED FROM EXAM A/C GENERAL EXAMINATIONS (HAS CREDIT FOR COURSE)
- () NO CREDIT FOR COURSE

FIELD OF CONCERN

GENERAL EXAMS

DIVISION/RECOMM.

REC. BY

FINAL CREDIT FOR WORK DONE ELSEWHERE. COURSES WITH C OR HIGHER IN MAY NOT COUNT.

STUDENTS ARE NOT GIVEN AN EXACT RANK IN CLASS
SEE EXPLANATION OF RANK LIST ON ATTACHED SHEET

DATE PHOTOSTAT ISSUED: MAY 21 1968

Sargent Kennedy

SARGENT KENNEDY, REGISTRAR

THE TRANSCRIPT IS NOT VALID UNLESS SIGNED AND SEALED.
FOR DESCRIPTION OF COURSES PLEASE SEE THE CATALOGUE.

LANGUAGE REQUIREMENT French Placement 9-59

1959-60		1960-61		1961-62		1962-63	
GRADES		GRADES		GRADES		GRADES	
Courses	Half Courses	Courses	Half Courses	Courses	Half Courses	Courses	Half Courses
GENERAL EDUCATION ANF #	Excluded	Engin. Sci. 105a ¹	B+	Applied Math. 201 ¹	C	Applied Math. 20 ²	
Chemistry 2 ¹	A	Physics 12c ¹	C+	Engin. Sci. 110 ¹	B+	Applied Math. 22 ²	
Mathematics 20a ¹	A	Slavic A	B-	Physics 151 ¹	B	Engin. Sci. 133a ¹	
Independent Study ¹	credit	Social Sciences 2	B-	Slavic B	B	Slavic 101 ¹	
Humanities 5	C+	Engin. Sci. 105b ²	A-	Applied Math. 202 ²	C+	Applied Math. 21 ²	
Mathematics 20b ²	A	Physics 13b ²	B	Linguistica 100 ²	B	Applied Math. 21 ²	
Physics 12a ²	A-			Physics 131 ²	B+	Engin. Sci. 133b ²	
Independent Study ²	credit					Physics 243 ²	
#Met Prescribed English by means of the work done in Independent Study	6						
PHYSICAL TRAINING		PHYSICAL TRAINING		PHYSICAL TRAINING		PHYSICAL TRAINING	
RANK LIST GROUP	II	RANK LIST GROUP	III	RANK LIST GROUP	IV	RANK LIST GROUP	IV
TOTAL COURSES PASSED	40	TOTAL COURSES PASSED	8.0	TOTAL COURSES PASSED	12.0	TOTAL COURSES PASSED	12.0
TOTAL SATIS. GRADES	40	TOTAL SATIS. GRADES	8.0	TOTAL SATIS. GRADES	12.0	TOTAL SATIS. GRADES	12.0
REPORT SENT	JUL 19 1960	REPORT SENT		REPORT SENT		REPORT SENT	
TOTAL COURSES REQUIRED		TOTAL COURSES REQUIRED		TOTAL COURSES REQUIRED		TOTAL COURSES REQUIRED	
TOTAL SATIS. GRADES REQUIRED		TOTAL SATIS. GRADES REQUIRED		TOTAL SATIS. GRADES REQUIRED		TOTAL SATIS. GRADES REQUIRED	

Write a statement of 300 to 700 words concerning your past work in your intended field of study and allied fields and your plans for graduate study (INCLUDING THE DEGREE YOU WISH TO TAKE) and a professional career:

I have been interested in applied mathematics, and especially the aspects of it concerned with computers, since I attended a series of lectures on programming for the Univac computer, in my freshman year. I had by this time decided to concentrate in Physics, however, and there I remained. This was for a variety of reasons. It seemed that a great many courses I might take for their use in Applied Mathematics might also be counted towards Physics requirements; in fact it might turn out that whether I left Physics for the Division or not I would take approximately the same program. It also seemed that Physics was the more fundamental field of study, one that might be of more universal interest no matter how my exact interests might change.

In any event I continued to take courses useful to Applied Math. Perhaps I moved too rapidly in this. I am referring to Applied Math. 201 and 202, in which I received C's. I suspect that during my Junior year I was not quite ready for these nominally graduate courses. I also feel, however, that I could have done better with more effort. My marks that year were in general rather mediocre, and I must admit that it was probably due to less than zealous application.

After my Junior year I spent a summer in the Mathematics Research department at Bell Telephone Laboratories, as a programmer. This further reinforced my interest in the uses of computers, although I became less interested in programming as such and more intrigued with the mathematical effort behind it. I was fortunate enough to be able to do a good deal of the mathematical analysis required by the problems I was assigned, and this was what made the job really worth while. However, I do feel that I will always enjoy programming a problem. During this job I also became quite interested in non-numeric aspects of computer use, such as theorem-proving and language translation, although I was not in direct contact with work of this kind.

My plans for graduate school are, at this point, somewhat undefined. I feel fairly sure that I will continue on to get a doctorate, but I cannot say just when. After I receive a master's degree, which is my immediate goal, I may do military service or perhaps work for a time before returning to a university. Exactly what I would do depends, of course, on the results of my first year of graduate study.

(continued on separate sheet)

I hereby certify that the information given by me on this application is complete and accurate in every respect, and I understand that any misrepresentation may be cause for denial of admission.

My plans for a career are also a bit nebulous, or at least hard to describe. I do not, particularly, wish an academic career; but I can, for instance, imagine myself working on switching systems for the telephone company, devising new languages for communication with computers, or working on the logical design of a new computer. I feel that my interests in the whole field of mathematics and mathematical machines is broad enough to enable me to work happily in almost any branch of this field.

Samuel A. Bittell

500-241

Name: DENNIS MACALISTAIR RITCHIE
First Middle Last

I accept the offer of admission to the Harvard Graduate School of Arts and Sciences.

I do not accept the offer of Admission to the Harvard Graduate School of Arts and Sciences.

ADMISSIC

STREET
MASSACHUSETTS

Reason _____

963

Dennis M. Ritchie
Signature

Mr. Dennis MacAlister Ritchie
Lowell House N-22
Harvard University
Cambridge 38, Massachusetts

Dear Mr. Ritchie:

It gives me great pleasure to inform you that you have been admitted to the Graduate School of Arts and Sciences for the academic year **1963-64** to study toward the **A. M.** degree in the subject of **Applied Mathematics, under the Division of Engineering and Applied Physics.**

The Committee on Fellowships and other Aids for Graduate Students finds that it is not possible to grant your request for a scholarship. This decision was made after careful consideration of your application and of the recommendation of the Department or Committee concerned.

If you also applied for a Teaching Fellowship or an Assistantship, your answer will come directly from the departmental office, as such appointments are made by the Chairmen of the various departments. Denial of a scholarship does not necessarily mean that your application for a Teaching Fellowship or an Assistantship has been denied.

I sincerely hope that it will be possible for you to arrange financing for your study at this school. Will you be good enough to let me know as soon as possible whether or not you accept our offer of admission?

Sincerely yours,

HARVARD UNIVERSITY
THE GRADUATE SCHOOL OF ARTS AND SCIENCES

OFFICE OF THE DEAN

75 MT. AUBURN ST. (7TH FLOOR)
CAMBRIDGE, MASSACHUSETTS 02138

MEMORANDUM

DATE Oct 28, 1964

FROM:

TO:

Mr. Swann gave him a
Wheeler Fund loan
of \$500 - due Nov 1, 1965

HARVARD UNIVERSITY
THE GRADUATE SCHOOL OF ARTS AND SCIENCES

OFFICE OF THE DEAN

75 MT. AUBURN ST. (7TH FLOOR)
CAMBRIDGE, MASSACHUSETTS 02138

MEMORANDUM

DATE

May 14, 1965

FROM:

9/123

TO:

6400

Ritchie, Dennis
Appointment at 9:30

Loan

2/5 TF

summer job as R.A.
\$500/month

GENERAL SCHOLARSHIP OFFICE
906 Holyoke Center, 75 Mt. Auburn St.,
Cambridge, Mass. 02138

TO: The Comptroller:

May 14 1955

James M. Ritchie

has been granted a long-term loan of

\$ 300 from the Whelan

Fund which is to be credited as follows:

\$ _____ Against Fall term bill

\$ _____ Against Spring term bill

\$ _____ To pick up STL due _____

\$ 300 Cash Now

Maturity Date May 15 1961

Co-Signer Approved

Interest Rate 5% to 5/15/61

4% Quarterly

Director

Approved By		<u>T. H. [Signature]</u>				
Amount	Dep't	Sub Dep't	Exp.	Account	F	Led.