



Calhoun: The NPS Institutional Archive
DSpace Repository

History of Naval Postgraduate School

Biographies

1979

Resume of Bruce James MacLennan, 1979

MacLennan, Bruce James

Monterey, California: Naval Postgraduate School

<http://hdl.handle.net/10945/53997>

Downloaded from NPS Archive: Calhoun



Calhoun is a project of the Dudley Knox Library at NPS, furthering the precepts and goals of open government and government transparency. All information contained herein has been approved for release by the NPS Public Affairs Officer.

Dudley Knox Library / Naval Postgraduate School
411 Dyer Road / 1 University Circle
Monterey, California USA 93943

<http://www.nps.edu/library>

RESUME OF BRUCE JAMES MACLENNAN

Bruce MacLennan was born on August 4, 1950 in Teaneck, New Jersey. He attended the Florida State University where he majored in mathematics and received a Bachelor of Science degree in 1972. He then began graduate study (in Computer Science) at Purdue University and received a Master of Science degree in 1974 and a Doctor of Philosophy degree in 1975. His thesis, Semantic and Syntactic Specification and Extension of Languages was written under the direction of Professor Victor B. Schneider.

In 1976 he became a Senior Software Engineer for Intel Corporation where he was engaged in Translator Writing System research, design of microprocessors and design of data-abstraction programming languages.

In September 1979 he joined the faculty of the Naval Postgraduate School in Monterey, California, where he is teaching in the Department of Computer Science. His current research interests are very-high-level languages, abstraction mechanisms, formal programming language semantics, pattern matching and transformational systems, integrated software-development and language systems, parallel and pipelined machines and advanced architectures.

He is a member of the Association for Computing Machinery, SIGPLAN, SIGART and SIGSOFT and he has been an officer of an ACM Chapter. He has won three awards for his papers and presentations.

