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1978

# Resume of Lyle Ashton Cox, Jr, 1978

## Cox, Lyle Ashton, Jr.

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RESUME OF LYLE ASHTON COX, JR.

Lyle A. Cox, Jr. was born on 25 March 1949 in Palo Alto, California. He attended the University of California at Berkeley where he majored in Astronomy and Physics, graduating in 1970.

Upon graduation, he received a commission in the United States Navy, and was assigned to the USS INTREPID (CVS-11) as assistant to the navigator. Subsequently, he was assigned to Headquarters, Naval Security Group Command. During his period of active duty, he participated in a special program which lead to his receiving the degree of Bachelor of Legal Letters in 1974. Upon leaving active duty in 1974 to return to graduate school, he affiliated with the Naval Security Group Reserve, and is still active in this organization.

Lyle returned to graduate study at the University of California - Davis, as a full time student and a part time research scientist at the Department of Energy's Lawrence Livermore Laboratory. He received the degree of Doctor of Philosophy in Computing Science in 1978. His thesis, <u>Performance Prediction of Computer Architectures Operating on Linear Mathematical Models</u>, was sponsored by the Department of Energy's Laser Research Program at Livermore.

He has served as special consultant to the National Security Agency, the Department of Energy, and a number of state and local governmental agencies. His areas of consulting expertise include program management, software engineering, manpower allocation and pattern recognition as well as computer performance prediction.

In November of 1978 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he is teaching in the Department of Computer Science. His current research interests include the design and evaluation of high performance computer systems, and software engineering techniques to support such systems.

He is a member of the Association for Computing Machinery, the American Institute of Aeronautics and Astronautics, the Federal Bar Association, and MENSA, and serves as Associate Editor of the ACM publication: <u>Computer Architecture News</u>.