

VITA: CHARLES PETE JAMES

8813 Revelstoke Way
San Diego, Ca. 92126
(858) 586-0407

University of California, San Diego (UCSD)
Center for Astrophysics and Space Sciences (CASS)
9500 Gilman Drive
La Jolla, Ca. 92093-0424
(858)534-2688 email: pjames@ucsd.edu
Web Site: mamacass.ucsd.edu/~pjames

Professional Experience:

Current Position since 07/01/98 Computer Resource Manager responsible for UCSD CASS department's computing
01/01/87-07/01/98 Senior Development Engineer, UCSD CASS Xray and Gamma Ray Astronomy (XGRA)
12/01/82-01/01/87 Associate Development Engineer, UCSD CASS XGRA responsible for group's computing
07/01/81-12/01/82 Principal Development Technician, UCSD CASS XGRA group's computer support
02/01/77-07/01/81 Senior Development Technician, UCSD CASS XGRA group's computer support
06/01/74-02/01/77 Electronics Technician, UCSD CASS XGRA group's computer support and electronics technician
01/01/74-06/01/74 Electronics Technician, US Elevator San Diego, Computer controlled elevator prototype
03/01/73-/01/01/74 Electronics Technician, Non Linear Systems San Diego, production test technician
06/01/68-/02/01/69 Industrial Engineer, Conam Inspection, Rahway, N.J., xray inspection natural gas pipeline
summers 65,66,67 Lloyd Construction Co. Belton, S.C. laborer

Professional Accomplishments:

UCSD CASS Information Technology Infrastructure:

Collaborated Designed and implemented LCA a highly complex Visualization laboratory with a 3D stereo display wall
With video-streaming and video conferencing that participated in the international virtual laboratory created at iGrid
2002 Amsterdam see The Universe: Distributed Virtual Collaboration and Visualization on page
20 at <http://www.igrid2002.org/Applications.pdf>

Collaborated Designed and implemented a remote mainland observing facility for the control and operation of the
KECK Telescope at Hawaii. http://www.ucolick.org/~kibrick/spie2004/drafts/vnc_paper.pdf

Electrical Ground Support and Analysis Computer Systems Design/logistics:

NASA CAD/ZINC detector balloon borne experiment, launched Fort Sumter ,N.M. 1999
NASA HEXTE experiment RXTE Spacecraft launched 1995
NASA BATSE experiment detector development CGRO Spacecraft launched 1991
NASA HEXAGONE Balloon borne experiment Alice Springs Australia 1988 and 1992
SCRIPTS INSTITUTE Deep Sea Canyon experiment 1981
NASA UCB SOLAR Balloon Borne Experiment Palestine TX 1980

Ground Support and Analysis systems support and logistics:

NASA HEAO-A1 experiment launched 1977
Design and management of HEAR computer recharge facility UCSD 1983-present

Education:

B.S. (computer Science) National Univ. San Diego (7 more 1 month night classes to complete 3 are computer labs)
A.S. (electronics) San Diego Evening College June 1979
Aviation Electrician A school USN Jacksonville, FLA. 1969

Military Service:

03/01/69-/03/01/73 U.S. Navy Aviation Electrician's Mate Second Class
Vietnam Veteran, duties: Navy Plane Captain USS AMERICA, AIMD aircraft repair
USS Constellation, NAS Miramar as member of VF-92 F4-J Squadron

Medals: Nat. Defense, Merit. Unit Cit., Armed Forces Expedit. (Korea), Vietnam Campaign, Vietnam Svc w/bronze star

Awards Honors and Community Involvement:

Who's Who in California 1986
Chairman Church Council Clairemont Church of God
Chairman Board of Trustees Clairemont Church of God 1992-1998

Vice President:

San Diego County Church's of God (1991-Present)
El Dorado Retirement Home Board of Directors Oceanside (1991-Present)
Mar Vista Retirement Home Board of Directors Oceanside (1991-Present)
Church of God Homes, Inc. (1991-Present)

Player/coach:

Mira Mesa Men's Softball league

Clairemont Church Softball league