

Resume: CHARLES PETE JAMES

Personal:

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Work:

University of California, San Diego (UCSD)
Center for Astrophysics & Space Sciences (CASS)
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Professional Experience:

07/01/98-Present Manager Computing Resources 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
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.icolick.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.Sc. (Computer Sciences) National University, San Diego
(7 more 1-month night classes to complete, 3 are computer labs)
A.S. (Electronics) San Diego City College June 1979
Aviation Electrician A School US Navy, Jacksonville, FL 1969

Military Service:

3/1/69 – 3/1/73 US Navy Aviation Electrician's Mate Second Class
Vietnam Veteran Navy Plane Captain USS America, AIMD aircraft repair
USS Constellation, NAS Miramar as member of VF-92 F4-J Squadron

Medals:

National Defense, Meritorious Unit Citation, Armed Forces Expeditionary Medal (Korea), Vietnam Campaign, Vietnam Service, w/Bronze Star.

Awards Honors & Community Involvement:

UCSD Certificate of Appreciation for 25 Years of Service (May 2000)

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 Churches 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